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a GALAXY S™ phone

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P O R T A B L E A L L D I G I T A L

S M A R T P H O N E

User Manual

Please read this manual before operating your phone, and keep it for future reference.

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Section 1: Getting Started

This section helps you to quickly start using your phone.

Understanding this User Manual

The sections of this manual generally follow the features of your phone. A robust index for features begins on page 180.

Also included is important safety information beginning on page 152, that you should know before using your phone.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting from the Home screen. To get to the Home screen, you may need to unlock the phone or keypad. For more information, see *"Securing Your Phone"* on page 13.

Note: Instructions in this manual are based on default settings, and may vary from your phone, depending on the software version on your phone, and any changes to the phone's Settings.

Unless stated otherwise, instructions in this User Manual start with the phone unlocked, at the Home screen.

All screen images in this manual are simulated. Actual displays may vary, depending on the software version of your phone and any changes to the phone's Settings.

Special Text

In this manual, you'll find text that is set apart from the rest. These are intended to point out important information, share quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes**: Presents alternative options for the current feature, menu, or sub-menu.
- **Tips**: Provides quick or innovative methods, or useful shortcuts.
- **Important**: Points out important information about the current feature that could affect performance.
- **Warning**: Brings to your attention important information to prevent loss of data or functionality, or even prevent damage to your phone.

Text Conventions

This manual provides condensed information about how to use your phone. To make this possible, the following text conventions are used to represent often-used steps:

→ Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures. For example:

"From the Home screen, touch **Menu** → **Settings** → **Wireless & networks** → **Wi-Fi settings**."

Activating your Phone

If you purchased your phone at a Verizon Wireless store, it is activated and ready to use. If you received a new phone by mail, it may need to be activated before you can use it.

To activate your phone, choose from the following:

- Visit a Verizon Wireless store.
- Contact Verizon Wireless customer support.
- Visit www.verizonwireless.com to manage your account online.

Battery

Your phone is powered by a rechargeable, standard Li-Ion battery. A Wall/USB Charger (Charging Head and USB cable) are included with the phone, for charging the battery.

Note: The battery comes partially charged. You must fully charge the battery before using your phone for the first time.

After the first charge, you can use the phone while charging.

Warning!: Use only Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Battery Indicator

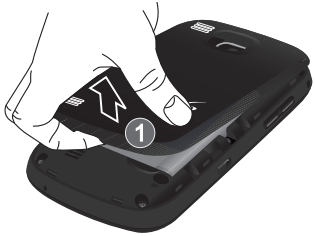
The battery icon ( ) in the Annunciator Line shows battery power level. Two to three minutes before the battery becomes too low to operate, the empty battery icon will flash and a tone will sound. If you continue to operate the phone without charging, the phone will power off.

Tip: Task Manager provides helpful information about extending battery life. For more information, see *"Task Manager"* on page 11.

Installing and Removing the Battery

Installing the battery

1. Remove the battery cover by placing your fingernail in the opening and popping the cover off the device (1).



2. Insert the battery into the phone housing, aligning both sets of gold contacts, and press down (2 and 3).

3. Replace the battery cover by pressing down on the corners to snap it into place (4).

Removing the Battery

1. Remove the battery cover.
2. Lift the battery up and out of the phone, using the slot provided.
3. Replace the battery cover.

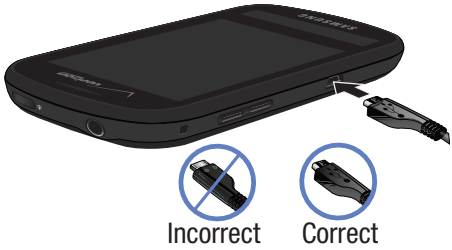
Charging the Battery

Your phone comes with a Wall/USB Charger (Charging Head and USB cable) to charge your phone from any 120/220 VAC outlet.

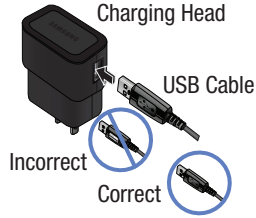
Note: The battery comes partially charged. You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time.

After the first charge, you can use the phone while charging.

1. On the phone, insert the USB cable into the USB Accessory/Power Port.



2. Connect the USB cable to the charging head.



3. Plug the charging head into a standard AC power outlet.
4. When charging is complete, unplug the charging head from the power outlet and remove the USB cable from the phone.

Non-Supported Batteries

Samsung phones do not support non-approved batteries.

Samsung charging accessories, such as the Wall/USB Charger, will only charge Samsung-approved batteries. If you install a non-supported battery and try to charge it, the phone will beep and display the message:

"**NON-SUPPORTED BATTERY. SEE USER MANUAL**".
If you receive this warning, battery charging is disabled.

Important!: Using a non-supported battery may damage to your phone.

Turning Your Phone On and Off

Turning Your Phone On

▶ Press and hold the **Power/Lock Key**.

While powering on, the phone connects with the network, then displays the Home screen and active alerts.

Turning Your Phone Off

1. Press and hold the **Power/Lock Key**.
2. At the prompt, touch **Power off**.

Note: Your phone's internal antenna is located along the bottom back of the phone. Do not block the antenna; doing so may affect call quality or cause the phone to operate at a higher power level than is necessary.

Set-up Wizard

The first time you turn your phone on, the Set-up Wizard will prompt you to customize your phone. Follow the prompts to set:

1. **Language**: Choose English or Español.
2. **Backup Assistant**: Set up your free Backup Assistant account, to save your contacts to a secure web site. For more information, see *"Backup Assistant"* on page 54.
3. **Add accounts**: Configure access to your Google account. For more information, see *"Accounts"* on page 44.
4. **Ticker Display**: Configure Ticker Display settings, including setting up accounts for notifications in the Ticker Display, and enabling location services. For more information, see *"Ticker Display"* on page 21.

System Tutorial

Learn about important concepts to get the most out of your phone.

▶ From the Home screen, touch **Menu** ➔ **Settings** ➔ **About phone** ➔ **System tutorial**.

Your Google Account

Your new phone uses your Google account to fully utilize its Android features, including Gmail, Google Talk and the Android Market. When you turn on your phone for the first time, set up a connection with your existing Google account, or create a new Google account.

To create a Google account, or set up your Google account on your phone:

- Use the Set-up Wizard the first time you turn your phone on. For more information, see *"Set-up Wizard"* on page 9.
- Use Accounts & sync settings. For more information, see *"Accounts & sync"* on page 143.

Displaying Your Phone Number

▶ From the Home screen, touch **Menu** ➔ **Settings** ➔ **About phone** ➔ **Status**.

Your phone number displays under **My phone number**.

Voice Mail

All unanswered calls to your phone are sent to voicemail, even if your phone is turned off, so you'll want to set up your voicemail and personal greeting as soon as you activate your phone.

For more information, see *"Voicemail"* on page 42.

TTY Mode

Your phone is fully TTY-compatible, allowing you to connect a TTY device to the phone's headset jack. Before you can use your phone with a TTY device, you'll need to enable TTY Mode.

For more information, see *"TTY Mode"* on page 129.

Roaming

When you travel outside your home network's coverage area, your phone can roam to acquire service on other compatible digital networks. When Roaming is active, the Roaming icon appears in the Annunciator Line of the display.

Tip: You can set your phone's roaming behavior. For more information, see *"Mobile networks"* on page 127.

During roaming, some services may not be available. Depending on your coverage area and service plan, extra charges may apply when making or receiving calls. Contact Verizon Wireless for more information about your coverage area and service plan.

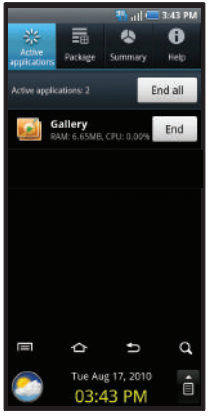
Task Manager

Your phone can run applications simultaneously, with some applications running in the background.

Use Task Manager to see which applications are running on your phone, and to end running applications to extend battery life. You can also uninstall applications from your phone and see how much memory is used by applications.

Task Manager provides information about applications, including:

- **Active applications**: View and end running applications.
- **Package**: View and uninstall application packages.
- **Summary**: View memory usage.
- **Help**: Useful tips for extending battery life.



1. From the Home screen, touch **Applications** ➔ **Task Manager**.
2. Touch the **Active applications** tab to view applications running on your phone. Touch **End** to end an application, or **End all** to stop all running applications.
3. Touch the **Package** tab to view package information. Touch **Uninstall** to remove an application from your phone.
4. Touch the **Summary** tab for RAM and Storage memory statistics.
5. Touch the **Help** tab for information about extending battery life.

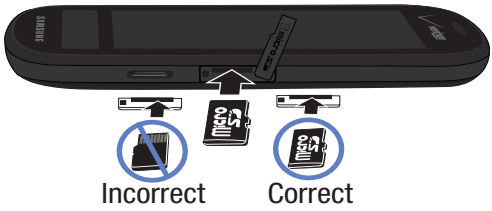
Tip: To launch Task Manager from any screen, touch and hold **Home**, then touch **Task Manager**.

You can also access Task Manager from the **Program Monitor** widget. For more information, see *"Widgets"* on page 25.

Memory Card

Your phone supports removable microSD™ or microSDHC™ memory cards of up to 32GB capacity, for storage of music, pictures, and other files.

Note: You can only store music files that you own (from a CD or purchased with the phone) on a memory card.



Important!: To prevent damage to information stored on the memory card, always unmount the card before removing it from the phone.

Installing a Memory Card

1. Open the Memory Slot cover and turn to expose the slot.
2. With the gold contacts facing down, carefully slide the memory card into the slot, pushing gently until it clicks into place.
3. Press the Memory Slot cover to close the slot.

Removing a Memory Card

Important!: To prevent damage to information stored on the memory card, unmount the card before removing it from the phone.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **SD card & phone storage** ➔ **Unmount SD card**.
1. Open the Memory Slot cover and turn to expose the slot.
2. Gently press on the memory card, then release so that it pops out from the slot, and carefully pull the card out.
3. Press the Memory Slot cover to close the slot.

Securing Your Phone

By default, the phone locks automatically when the screen times out, or you can lock it manually. You can unlock the phone using one of the default Unlock screens, or for increased security, use a personal screen unlock pattern.

For more information about creating and enabling a Screen unlock pattern, see *"Screen unlock pattern"* on page 138.

Tip: When you use a Screen unlock pattern to secure your phone, the Emergency call feature is available on the lock screen, to allow you to make emergency calls even while the phone is locked.

For other settings related to securing your phone, see *"Location & security"* on page 136.

Note: Unless stated otherwise, instructions in this User Manual start with the phone unlocked, at the Home screen.

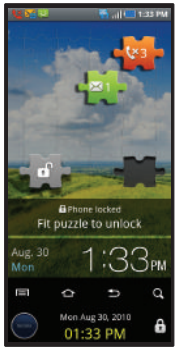
Locking the phone manually

- Press the **Power/Lock Key** on the top of the phone.

Unlocking the phone

1. Press the **Power/Lock Key** on the top of the phone to wake the screen.
2. Touch and drag a puzzle piece to fit it into the empty space.

   Special puzzle pieces display for missed calls or new messages. Drag the new message puzzle piece to the empty space to view the message, or drag the missed call puzzle piece to the empty space to view the call log.



Note: You can choose the type of Unlock screen. For more information, see *"Unlock screen"* on page 133.

Unlocking with a Personal Screen Unlock Pattern

1. Press the **Power/Lock Key** to wake the screen.
2. Draw your unlock pattern on the screen.

Section 2: Understanding Your Phone

This section outlines key features of your phone.

Features

- 3.4-inch Super AMOLED™ touch screen plus 1.8-inch Super AMOLED Ticker Display
- CDMA 1X/EVDO Rev-A Wireless Technology
- Android OS
- Google applications, including Google Talk and Gmail
- Android Market, plus pre-loaded applications
- Connections
  - Wi-Fi 802.11 b/g/n
  - 3G Mobile Hotspot
  - Bluetooth 3.0
  - VPN
  - Dial Up Networking
- Messaging Features
  - Text Messaging
  - Picture Messaging
  - Video Messaging
  - Voice Messaging
  - Email
  - Mobile Instant Messenger (IM)
  - Chat
- Bing™ Maps and Search
- VZ Navigator™
- 5 Megapixel CMOS Camera/Camcorder
- Picture Gallery, supporting JPEG, PNG, GIF, A-GIF, WBMP and BMP formats
- HD Video Player (720p), supporting H.263, H.264, MPEG4, 3GP, 3G2, WMV (v9), Xvid and DivX formats
- DivX Certified® to play DivX video up to 320x240
- Music Player, supporting WAV, MP3, AAC, AAC+, eAAC+, AMR-NB, AMR-WB, WMA (v9/10), EVRC, QCELP, MIDI, and SP-MIDI formats
- Support for V CAST Media Manager, with V CAST Music with Rhapsody, V CAST Tones and V CAST Videos applications installed
- Speakerphone
- Voice recognition by Nuance®
- Support for microSD™ and microSDHC™ Memory Cards up to 32GB capacity
- Bluetooth® 3.0 Wireless Technology. For more information about supported profiles, see *"Bluetooth profiles"* on page 125.

Front View

1. **3.5mm Headset Jack**: Attach a headset, for listening to callers or music.
2. **Earpiece**: Listen to callers.
3. **Home Key**: Press to display the Home screen. Press and hold to display recent applications or launch Task Manager.
4. **Menu Key**: Press to display options for the current screen.
5. **Ticker Display**: View notifications for incoming calls, new messages, and customized, real-time updates from your favorite sources and accounts
6. **Grip Sensors**: Grip the phone at the sensors to activate the Ticker Display.
7. **Search Key**: Launch Search, to search your device or the web.
8. **Back Key**: Press to return to the previous screen.
9. **Power/Lock Key**: Press and hold to turn the phone on or off. Press to lock the phone, or to wake the screen for unlocking.

Side Views

1. **Strap holder**: Attach an optional carrying strap (not included).
2. **Volume Key**: From the Home screen, press to adjust Master Volume. During calls or music playback, press to adjust volume. Press to mute the ringtone of an incoming call.
3. **USB Power/Accessory Port**: Plug in a USB cable for charging or to sync music and files.
4. **Microphone**: Used during calls to allow callers to hear your voice, and when recording.
5. **Camera Key**: Press to launch the Camera. In Camera mode, press to take a picture. In Camcorder mode, press to start or stop recording.
6. **Memory Card Slot**: Install a memory card for file storage.

Back View

1. **Speakers**: Play ringtones, call audio when in Speakerphone mode, music and other sounds.
2. **Camera Flash**: Used when taking photos.
3. **Camera Lens**: Used when taking photos or recording videos.

Home Screen

The Home screen is the starting point for using your phone.

Note: Unless stated otherwise, instructions in this User Manual start with the phone unlocked, at the Home screen.

1. **Annunciator Line**: Presents icons to show network status, battery power, and connection details. For a list of icons, see *"Annunciator Line"* on page 24.
2. **Home screen**: The starting point for using your phone. Place icons, widgets and other items to customize your phone to your needs. For more information, see *"Home Screen"* on page 19.
3. **Primary Shortcuts**: Shortcuts to your phone's common features. For more information, see *"Primary Shortcuts"* on page 25.
4. **Shortcuts**: Shortcuts to common applications.These shortcuts are found on the Home screen by default. For more information, see *"Shortcuts"* on page 28.
5. **Widgets**: Applications that run on the Home screen. These widgets are found on the Home screen by default. For more information, see *"Widgets"* on page 25.

Display settings

You can customize display settings to your preferences. For more information, see *"Display settings"* on page 132.

Extended Home Screen

The Home screen consists of the Home panel, plus 6 panels that extend beyond the display width to provide more space for adding shortcuts, widgets and folders.

Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the indicator at the top of the display shows your current position.

Customizing the Home Screen

Customize the Home screen to suit your preferences.

- **Add Shortcuts**: For more information, see *"Shortcuts"* on page 28.
- **Add Widgets**: For more information, see *"Widgets"* on page 25.
- **Add Folders**: For more information, see *"Folders"* on page 29.
- **Change the Wallpaper**: For more information, see *"Wallpaper"* on page 29.

Adding and removing Home screen panels

Your phone comes with 7 Home screen panels. You can customize the Home screen to include up to the seven default panels, and set one panel as Home.

1. From the Home screen, touch **Menu** → **Edit page**.
2. Sweep your finger across the screen to scroll the panels, and use these controls to configure panels:

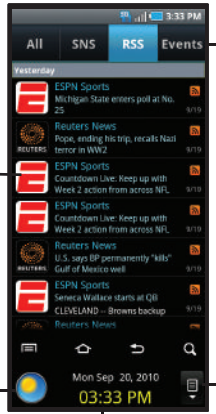
Delete: Remove the panel from the Home screen.

Add: Scroll the panels to display the location for a panel, then touch the **Add** button. Add previously-removed panels up to the default total of seven.

Set as Home: Touch to assign a panel as the Home screen. The panel set as Home will display when you touch **Home**.

Ticker Display

The Ticker Display provides notifications for incoming calls, new messages, and customized, real-time updates from your favorite sources and accounts.



Touch a tab to view its updates

Touch an update to launch the application or view a message

Touch to display current Weather

Touch to display Ticker History on the main screen

Swipe left or right across the Ticker Display to switch between Standby and Notifications. Touch an update or notification to view it.

Using the Ticker Display

Modes

The Ticker Display includes two modes. Swipe left or right across the Ticker Display to scroll between modes:

- **Standby**: Displays Date, Time and Weather.
  - Touch the Weather icon for current weather.
  - Touch the History icon for details on all notifications.
- **Notifications**: Displays incoming notifications from your social network, RSS feeds, Email, text or multimedia messages, IMs and missed calls.
  - Touch a notification to launch the application to see more details.
  - Notifications are also shown on the Events tab of the Ticker History.

Ticker History

Touch the History icon to display Ticker History. Touch a tab to view notifications by type:

- **All**: View all notifications.
- **SNS**: View updates from your social networking sites.
- **RSS**: View RSS feeds.
- **Events**: View missed calls, emails, and messages.

Using the Ticker Display with Applications

Because the Ticker Display is independent of the main display, you can view and act on notifications in real time, and quickly switch between applications. For example:

- **Phone**: When you are using other applications, incoming call notifications appear in the Ticker Display. For more information, see *"Answering Calls from the Ticker Display"* on page 41.
- **Music Player**: When Music Player is running in the background, playback controls appear in the Ticker Display. For more information, see *"Controlling Playback from the Ticker Display"* on page 83.
- **VZ Navigator**: When navigating, the next turn directions appear in the Ticker Display. For more information, see *"Using VZ Navigator with the Ticker Display"* on page 119.

Grip Sensor

When activated, grip the sides of the phone at the Ticker Display in lock mode to wake the Ticker Display, to quickly display the date and time and access other Ticker Display features. For more information, refer to *"Activate Grip sensor"* on page 133.

Customizing the Ticker Display

You can customize the Ticker Display by adding services:

- Choose Facebook, Twitter and MySpace settings, to control what displays in the Ticker Display. For more information about setting social networking notifications, see *"Social networking"* on page 134.
- Set up your Email accounts to display incoming email alerts. For more information, see *"Setting Up Your Accounts"* on page 44.
- Choose RSS feeds to display. For more information, see *"RSS Feeds"* on page 135.
- Configure your IM accounts, to see IMs in the display. For more information, see *"Configuring IM Accounts"* on page 71.

For more information about configuring the Ticker Display, see *"Ticker Settings"* on page 134.

Notification Panel

The Notification Panel shows information about connections, messages and other items.

- Sweep your finger downward from the top of the screen.

Connection Icons

Icons at the top of the Notification Panel show connection status for **Wi-Fi**, **Bluetooth**, **GPS**, and **Airplane mode**.

Touch an icon to enable the connection.

Clearing Notifications

1. Sweep your finger downward from the top of the screen to display the Notifications Panel.
2. Touch a notification to clear it.

   – or –

   Touch **Clear** to clear all notifications.

Annunciator Line

The Annunciator line displays icons to show network status, battery power, and other details.

Signal Strength: Current signal strength. The greater the number of bars, the stronger the signal.

Airplane Mode Active: All wireless communications are disabled. See “Airplane mode” on page 126.

System Alert: Check Notifications Panel for alerts.

Voice Call: A voice call is in progress.

Speakerphone: Speakerphone is enabled.

Missed Call: Displays when there is a missed call.

Battery Level: Shown fully charged.

Charging Indicator: Battery is charging.

Device Power Critical: Battery has only three percent power remaining. Charge immediately.

3G Connection Active: Phone is active on a 3G system.

USB Connected: The phone is connected to a computer using a USB cable.

New Message: You have new message(s).

New Voicemail: You have new voicemail.

New Email Message: You have new email.

Alarm Set: An alarm is active. For more information, refer to *“Clock”* on page 109.

Silent mode: All sounds except media and alarms are silenced. See “Silent mode” on page 130.

Vibrate mode: All sounds are silenced, but the phone vibrates for alerts. See “Ringer volume” on page 130.

SD Card Ready: A memory card is installed.

SD Card Removed: A memory card was uninstalled.

Bluetooth Active: Bluetooth is turned on.

Bluetooth Connected: The phone is paired with another Bluetooth device.

Wi-Fi Active: Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Wi-Fi Action Needed: Action needed to connect to Wireless Access Point (WAP).

TTY: TTY Mode is active.

Primary Shortcuts

Primary Shortcuts appear at the bottom of the display. You can edit the Primary Shortcuts, except for the **Applications** / **Home** shortcut.

Note: When you access **Applications**, the **Home** shortcut replaces the **Applications** shortcut to provide quick return to the Home screen.

Phone: Launches the Phone, to make calls. For more information, see *"Making Calls"* on page 37.

Contacts: Store and manage your contacts. For more information, see *"Contacts"* on page 46.

Messaging: Send and receive messages. For more information, see *"Messaging"* on page 61.

Applications: Access your phone's applications. For more information, see *"Applications"* on page 30.

Editing the Primary Shortcuts

1. From the Home screen, touch **Applications.**
2. Touch **Set up** at the top left of the Applications screen.
3. Touch and hold an icon, then drag it to replace a primary shortcut.
4. Touch **Menu** →**Save**.

Widgets

Widgets are self-contained applications that you can place on the Home screen to access favorite features.

Adding Widgets to the Home screen

1. Navigate to the desired Home screen, then touch and hold on the screen to display the **Add to Home screen** menu.
2. Touch **Samsung Widgets** or **Android Widgets**, then touch a widget to add it to the Home screen.

Removing Widgets

- Touch and hold the Widget until **Trash can** appears, then drag the Widget to the **Trash can**.

Samsung Widgets

Analog Clock 1: Display an analog clock.

Analog Clock 2: Display an analog clock.

Analog Clock 3: Display an analog clock.

Buddies now: Choose contacts to display in the Buddies now widget, to quickly call or send a message from the Home screen. Appears on the Home screen by default. For more information, see *"Buddies Now"* on page 55.

Calendar Clock: Display an analog clock with the current date.

Daily Briefing: Monitor the weather, financial information, news and your schedule from one convenient location. Appears on the Home screen by default. For more information, see *"Daily Briefing"* on page 109.

Days: Display your daily diary. Appears by default on the Home screen. Touch to launch Mini Diary. For more information, refer to *"Mini Diary"* on page 111.

Digital Clock: Display a digital clock.

Dual Clock: Display a clock for two time zones.

Program Monitor: Display the number of active applications. Touch to launch Task Manager. For more information, see *"Task Manager"* on page 11.

Weather Clock: Display a clock with weather information from WeatherBug. Appears on the Home screen by default. For more information, see *"Weather Clock"* on page 120.

Android Widgets

Bing: Launch Bing search. For more information, refer to *“Bing”* on page 73.

Data usage: View data usage for the billing period. Touch to launch My Verizon Mobile for information about data usage and other account details. For more information, see *“My Verizon Mobile”* on page 112.

Facebook: Launch Facebook. For more information, see *“Facebook”* on page 80.

MySpace Friend Updates: Display updates from MySpace friends on the Home screen.

MySpace Search: Search MySpace from the Home screen.

MySpace Status Updater: Update your MySpace status from the Home screen.

Picture frame: Display a picture from the Gallery on the Home screen.

Power control: Control Wi Fi, Bluetooth, and GPS connections, and set automatic synchronization and brightness settings.

Twidroyd: Access Twitter from the Home screen. For more information, see *“Twidroyd”* on page 80.

Twidroyd (large): View and manage your Twitter account in large format on the Home screen. For more information, see *“Twidroyd”* on page 80.

Twidroyd (small): View and manage your Twitter account in small format on the Home screen. For more information, see *“Twidroyd”* on page 80.

YouTube: Search YouTube and watch videos.

Shortcuts

Use Shortcuts for quick access to applications or features, such as Email or other applications.

Adding Shortcuts from the Home screen

1. Navigate to a Home screen panel, then touch and hold on the screen to display the **Add to Home screen** menu.
2. Touch **Shortcuts**, then touch a selection:
3. Follow the prompts to configure the Shortcut and add it to the Home screen.

Applications: Launch an application. For a list, see *"Applications"* on page 30.

Bookmark: Launch a bookmarked web page.

Contact: View a contact you specify.

Direct dial: Automatically call a contact you specify.

Direct message: Create a message to a contact you specify.

Gmail label: Launch a Gmail account.

Maps: Launch Bing Maps. Appears by default on the Home screen. For more information, see *"Maps"* on page 79.

Settings: Go to a specific setting.

Adding Shortcuts from Applications

1. Navigate to a Home screen panel.
2. Touch **Applications**.
3. Touch and hold on an application icon. The Shortcut icon is automatically placed on the selected Home screen.

Removing Shortcuts

- Touch and hold the Shortcut until **Trash can** appears, then drag the Shortcut to the **Trash can**.

Folders

Place Folders on the Home screen to organize items together on the Home screen.

1. Navigate to the desired Home screen, then touch and hold on the screen to display the **Add to Home screen** menu.
2. Touch **Folders**, then touch a selection:

New folder: Create a new empty folder.

All contacts: Create a folder containing all contacts.

Contacts with phone numbers: Create a folder containing contacts with stored phone numbers.

Facebook Phonebook: Create a folder containing phone numbers from Facebook.

Received list from Bluetooth: Create a folder containing a list of items received via Bluetooth.

Recent documents: Create a folder containing documents opened recently.

Starred contacts: Create a folder containing contacts marked as Favorites.

Removing Folders

- Touch and hold the Folder until **Trash can** appears, then drag the Folder to the **Trash can**.

Wallpaper

Choose a picture to display in the background of the Home screen. You can choose from pre-loaded wallpaper images, or select a picture you've taken with the Camera or downloaded.

1. From the Home screen, touch and hold on the screen to display the **Add to Home screen** menu, then touch **Wallpapers**.

   – or –

   From the Home screen, touch **Menu** ➔ **Wallpaper**.

2. Choose a source for images:
   - **Gallery**: Access the Gallery to choose a picture from an optional installed memory card. Touch a picture to select it, then use the crop tool to resize the picture, if desired. Touch **Save** to save the picture as wallpaper.
   - **Live wallpapers**: Choose from pre-loaded interactive animated wallpapers. Touch a wallpaper to see an example, then touch **Set wallpaper**.
   - **Wallpaper gallery**: Choose from pre-loaded wallpaper images. Touch a wallpaper, then touch **Set wallpaper**.

Applications

The Applications screen holds all applications on your wireless device. Applications that you download and install from Android Market or from the web are also added to the Applications screen.

You can place shortcuts to applications on the Home screen, for quick access to the application. For more information, see *"Adding Shortcuts from Applications"* on page 28.

1. From the Home screen, touch **Applications**.
2. Slide your finger left or right to scroll the Applications screens.
3. Touch an icon to launch the application.

Customizing the Applications Screens

Choosing a view

By default, application icons appear in Grid view. You can change the view to list view.

1. From the Home screen, touch **Applications.**
2. Touch **Menu** → **List View**.

Moving Application icons

1. From the Home screen, touch **Applications.**
2. Touch **Menu** → **Edit**.
3. Touch and hold an application icon, then drag it to a new location.

Tip: You can place Applications on the Primary Shortcuts bar, to allow access to the application from any screen. For more information, see *"Editing the Primary Shortcuts"* on page 25.

4. When you are finished, touch **Menu** → **Save**.

3G Mobile Hotspot: Share your phone's mobile internet connection with a PC through Wi-Fi. For more information, see *"3G Mobile Hotspot"* on page 98.

AllShare: Synchronize your phone with your TV. For more information, refer to *"AllShare"* on page 104.

Bing: Search the web. Appears on the Home screen by default. For more information, see *"Bing"* on page 73.

Blockbuster: Browse and search the entire mobile catalog of Blockbuster On Demand titles. For more information, see *"Blockbuster"* on page 106.

Browser: Access the Internet. Appears on the Home screen by default. For more information, see *"Browser"* on page 74.

Calculator: Perform mathematical calculations. For more information, see *"Calculator"* on page 107.

Calendar: Record events and appointments to manage your schedule. For more information, see *"Calendar"* on page 107.

Camera: Take pictures or record videos. Appears by default on the Home screen. For more information, see *"Camera"* on page 88.

Car Cradle: Operate your phone with an optional Car Cradle accessory. For more information, see *"Car Cradle"* on page 108.

City ID: Subscribe to display the city and state for incoming calls. For more information, refer to *"City ID"* on page 108.

Clock: Keep track of time with Alarm, World clock, Stopwatch and Timer features. For more information, For more information, refer to *"Clock"* on page 109.

Contacts: Save and manage contact information for your friends and colleagues. Appears in the Primary Shortcuts by default. For more information, see *"Contacts"* on page 46.

Corporate Email: Send and receive email from your corporate Exchange account. For more information, see *"Corporate Email"* on page 69.

Daily Briefing: Monitor weather, financial info, news, and your schedule, from one application. For more information, see *"Daily Briefing"* on page 109.

Desk Cradle: Operate your phone with an optional Desk Cradle accessory. For more information, see *"Desk Cradle"* on page 109.

Email: Send and receive email from your phone. Appears on the Home screen by default. For more information, see *"Email"* on page 66.

Facebook: Launch Facebook. For more information, see *"Facebook"* on page 80.

Gallery: View and manage pictures stored on your phone, or on an installed memory card. Appears by default on the Home screen. For more information, see *"Gallery"* on page 93.

Gmail: Send and receive emails via Gmail, Google's web-based email. For more information, see *"Gmail"* on page 64.

IM: Launch the Instant Messaging application. For more information, see *"IM"* on page 71.

Kindle: Download Amazon books. For more information, see *"Kindle"* on page 110.

Market: Browse, download, and install Android applications. Appears on the Home screen by default. For more information, see *"Android Market"* on page 104.

Memo: Create text memos, and send memos via Bluetooth. For more information, see *"Memo"* on page 110.

Messaging: Send and receive messages. Appears by default in the Primary Shortcuts. For more information, see *"Messaging"* on page 61.

Mini Diary: Record daily happenings. Also available as an Android Widget, Days. For more information, see *"Mini Diary"* on page 111.

Music Player: Play music stored on an optional installed memory card. Appears by default on the Home screen. For more information, see *"Music Player"* on page 82.

My Files: Find, view and manage files stored on an optional installed memory card. For more information, see *"My Files"* on page 112.

My Verizon Mobile: View details and manage your Verizon Wireless account. Appears on the Home screen by default. For more information, see *"My Verizon Mobile"* on page 112.

MySpace: Launch MySpace. For more information, see *"MySpace"* on page 81.

Phone: Make and answer calls. For more information, see *"Call Functions"* on page 37.

Scrabble: Play the popular word game, right on your phone.

Settings: Configure your phone to your preferences. For more information, see *"Settings"* on page 122.

Skype mobile™: Make calls and send instant messages to anyone who has Skype. For more information, see *"Skype Mobile"* on page 113.

Talk: Chat with other Google Talk users. For more information, see *"Google Talk"* on page 71.

Task Manager: View and manage active applications. For more information, see *"Task Manager"* on page 11.

Tetris: Play the popular game, right on your phone.

ThinkFree Office Suite for Android™: View and manage files in a Microsoft® Office-compatible software suite. For more information, see *"ThinkFree Office"* on page 113.

Twidroyd: Access Twitter from the Home screen. For more information, see *"Twidroyd"* on page 80.

V CAST Music with Rhapsody: Browse and download songs from the V CAST with Rhapsody catalog. For more information, see *"V CAST Music with Rhapsody"* on page 85.

V CAST Tones: Preview, download and purchase ringtones and ringback tones. For more information, see *"V CAST Tones"* on page 84.

V CAST Videos: Browse and download videos from the V CAST library. For more information, see *"V CAST Videos"* on page 91.

Video Player: Play and manage videos stored on an installed memory card. For more information, see *"Video Player"* on page 92.

Voice Commands: Speak commands to make calls, and to launch other phone features. For more information, see *"Voice Commands"* on page 115.

Voice Recorder: Record your voice or other sounds, and share via Bluetooth, Messaging, or Gmail. For more information, see *"Voice Recorder"* on page 119.

Voice Search: Perform a Google search by speaking your search terms. For more information, see *"Voice Search"* on page 73.

Voicemail: Retrieve messages from callers. Appears on the Home screen by default. For more information, see *"Voicemail"* on page 42.

VZ Navigator: Find, share and navigate to millions of locations. Appears by default on the Home screen. For more information, see *"VZ Navigator"* on page 118.

Wi-Fi Settings: Launch Wi-Fi Settings. For more information, see *"Wi-Fi"* on page 122.

Write & Go: Capture ideas, then choose a format for sending via Gmail, saving as a Calendar event or memo, or posting to Facebook. Appears by default on the Home screen. For more information, see *"Write & Go"* on page 120.

YouTube: View and upload YouTube videos, right from your phone. For more information, see *"YouTube"* on page 73.

Navigation

Navigate your phone's features using the command keys and the touch screen.

Warning!: If your handset has a touch screen display, please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty. For more information, see *"Warranty Information"* on page 172.

Command Keys

Menu Key

Touch **Menu** to display a context-sensitive menu of options for the current screen or feature.

Home Key

Touch **Home** to display the Home screen.

Touch and hold **Home** to launch a menu of recent applications, or to launch Task Manager.

Back Key

Touch **Back** to return to the previous screen, option or step.

Search Key

Touch **Search** to launch Quick Search, to search the web and your phone.

Context-sensitive Menus

While using your phone, context-sensitive menus offer options for the feature or screen. To access context-sensitive menus:

- Touch **Menu**.
- Touch and hold on an item.

Finger Gestures

Touch

Touch items to select or launch them. For example:

- Touch the onscreen keyboard to enter characters or text.
- Touch a menu item to select it.
- Touch an application's icon to launch the application.

Touch and Hold

Activate onscreen items by a touch and hold gesture. For example:

- Touch and hold a widget on the home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

Swipe, Flick or Slide

Swipe, flick or slide your finger vertically or horizontally across the screen. For example:

- Unlocking the screen
- Scrolling the Home screen or a menu

This section describes how to make, answer and end calls.

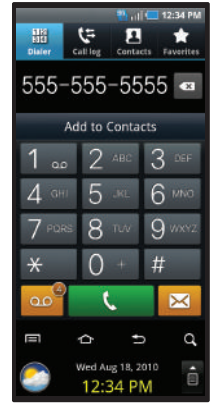
Making Calls

Your phone offers multiple ways to make calls:

- Use the touch screen **Phone Dialer** to enter the phone number or speed dial number.
- Call a contact from **Contacts**.
- Call a contact from **Favorites**.
- Return a call, or call a recent caller, from **Call log**.
- Voice dial using **Voice Commands**.

Making Calls Using the Phone Dialer

1. From a Home screen, touch **Phone**.
2. Touch the digits of the telephone or speed dial number on the **Dialer** keypad. While dialing, use these options:
   - Touch **Menu** → **Add to Contacts** to add the number you entered to a new contact, or to update an existing contact.
   - Touch **Menu** → **Speed dial setting** to dial or set Speed Dials.
   - Touch **Menu** → **Add 2 sec pause** to insert a 2-second pause in the telephone number.
   - Touch **Menu** → **Add wait** to insert a Wait pause in the telephone number, to pause dialing to wait for input from you.



3. Touch to place the call.

Making Calls using Speed Dials

Speed Dials are 1-, 2-, or 3-digit shortcuts (1 to 100) you assign to contacts, to allow you to quickly call the contact. For more information about setting speed dials, see *"Speed Dials"* on page 54.

1. From a Home screen, touch **Phone**.
2. Touch the digits of the speed dial number on the Dialer keypad, holding the last digit until the number dials.

Making Calls from Contacts

A contact is an entry that you have created to store the name, numbers, and other information for people or groups of interest.

For more information, see *"Contacts"* on page 46.

1. From a Home screen, touch **Contacts**.
2. Find the contact and touch it to open the Contact entry.
3. Touch Call to dial the default number for the Contact.

Tip: You can also slide your finger left-to-right over the contact entry to display a quick contact bar, then touch .

Making Calls using Voice Commands

Place a call by speaking the name or number. For more information, see *"Voice Commands"* on page 115.

Making Calls using Favorites

Favorites are contacts that you designate as favorites by starring them. For more information about creating favorites, see *"Favorites"* on page 51.

1. From a Home screen, touch **Phone**.
2. Touch the Favorites **Favorites** tab to display favorites.
3. Find the contact and touch it to open the Contact entry.
4. Touch Call to dial the default number for the Contact.

Making Calls from Call Log

Return a call, or call a number from a recent call stored in Call log. For more information about Call log, see *"Call Log"* on page 41.

1. From the Home screen, touch **Phone**.
2. Touch the Call log **Call log** tab to display recent calls.
3. Find a call, then touch **Call** to dial the number.

Three-Way Calling

Merge two calls to set up a three-way call between you and two other parties.

Setting up a Multi-Party Call

1. Establish a call, either by dialing or answering an incoming call.
2. Touch **Add Call**. The first call is placed on hold, and the **Dialer** displays.
3. Enter the second phone number, then press **Call**.
4. Touch **Merge**. The two calls are joined into one, 3-way call.

In-Call Options

While in a call, you can use these features:

- **Dialpad**: Display a dialpad to enter numbers.
- **End call**: End the phone call.
- **Add call**: Display the Dialer to set up a multi-party call.
- **Speaker**: Enable or disable speakerphone.
- **Mute**: Mute or unmute your voice on the call.
- **Bluetooth**: Switch the call's audio to a Bluetooth headset.

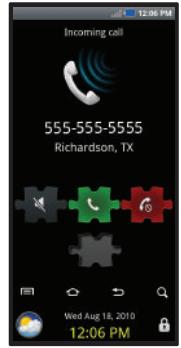
Answering Calls

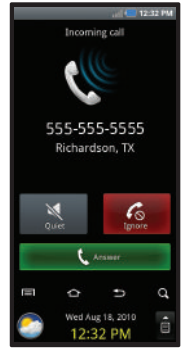
You can respond to incoming calls by answering or ignoring them, when the phone is locked or unlocked, or from the Ticker Display.

- With the phone unlocked, touch **Answer**.

  – or –

  With the phone locked, touch and drag the **Answer** puzzle piece to the empty space.





Answering Call-Waiting Calls

When you receive a call while on a call:

- Touch **Answer** to answer the incoming call. The original call is placed on hold, and remains on hold until you end the second call, or swap calls back to the original call.
- Touch **Swap** to place a call on hold and return to the other call.

Sending Calls to Voicemail

When your phone alerts you to an incoming call, you can ignore the call to send the caller to voice mail, or ignore the call and send a message to the caller.

Ignoring a call

▶ With the phone unlocked, touch **Ignore**.

– or –

With the phone locked, touch and drag the **Ignore** puzzle piece to the empty space.

– or –

In the Ticker Display, touch **Ignore**.

Ignoring a call with a message

▶ With the phone unlocked, touch **Ignore**, then touch **Message**. Choose a message or create a new message.

– or –

With the phone locked, touch and drag the **Ignore** puzzle piece to the empty space, then touch **Message**. Choose a message or create a new message.

– or –

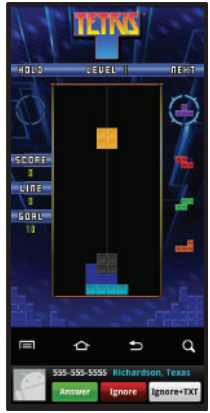
In the Ticker Display, touch **Ignore+TXT**, then choose a message or create a new message.

Note: Your phone comes with several default Ignore messages, or you can create your own. For more information about creating ignore messages, see *"Ignore with message"* on page 129.

Answering Calls from the Ticker Display

When you receive a call while using another application on your phone, the notification appears in the Ticker, and you can answer the call right from the Ticker Display.

- With the phone unlocked, touch **Answer**, **Ignore**, or **Ignore+TXT** in the Ticker Display.



Note: If the caller is saved to your Contacts, the Ticker Display will show the contact information, including Picture ID, for the incoming call.

Call Log

When you place, answer, or miss a a call, a record of the call is saved in the Call log. Use Call Log records to make calls, send messages, or update your contacts.

Sending Messages using Call Log

1. From the Home screen, touch **Phone** ➔ **Call log**.
2. Touch and hold on a call record, then select **Send message** to create a new message, with the phone number entered in the **To** list.
3. Continue creating the message. For more information, see *"Creating and Sending Messages"* on page 62.

Creating or Updating Contacts Using Call Log

1. From the Home screen, touch **Phone** ➔ **Call log**.
2. Touch and hold on a call record, then select **Add to Contacts** from the pop-up menu.
3. Choose **Create contact** or **Update existing**.
4. Continue entering contact information. For more information, see *"Contacts"* on page 46.

Making Calls from Call Log

Return a call, or call a number from a recent call stored in Call log. For more information, see *"Three-Way Calling"* on page 39.

Managing the Call Log

Deleting Call log records

1. From the Home screen, touch **Phone** ➔ **Call log**.
2. While viewing the Call log, touch **Menu** ➔ **Delete**.
3. Touch call records to mark them for deletion, or touch **Select all**. A check appears in the check box to show marked records.
4. Touch **Delete** to delete marked records.

Filtering Call log records

1. From the Home screen, touch **Phone** ➔ **Call log**.
2. While viewing the Call log, touch **Menu** ➔ **View by**.
3. Select a filter type, from **All calls**, **Missed calls**, **Dialled calls**, or **Received calls**.

Viewing call durations

View the length of the Last call, all Dialed calls, all Received calls, or All calls.

1. From the Home screen, touch **Phone** ➔ **Call log**.
2. While viewing the Call log, touch **Menu** ➔ **Call duration**.

Voicemail

All unanswered calls to your phone are sent to voicemail, even if your phone is turned off, so you'll want to set up your voicemail and personal greeting as soon as you activate your phone.

Setting up Voicemail

1. From the Home screen, touch **Voicemail**.

   – or –

   From the Home screen, touch **Applications** ➔ **Voicemail** ➔ **Call Voice Mail**.
2. Follow the automated instructions to set up your new password and record a greeting.

Checking Voicemail

1. From the Home screen, touch **Voice Mail**.

   – or –

   From the Home screen, touch **Applications** ➔ **Voicemail** ➔ **Call Voice Mail**.
2. Follow the automated instructions to manage voicemail.

Tip: You can also access **Voicemail** by dialing your phone number from any touch-tone phone.

Visual Voicemail

Use Visual Voicemail to view voice mail details right on your phone. You can choose messages to retrieve, without listening to all messages.

Note: Visual Voicemail requires a subscription. For more information, contact Verizon Wireless.

- From the Home screen, touch **Voicemail** ➔ **Visual Voicemail**.

Section 4: Contacts and Accounts

This section explains how to manage contacts and accounts.

Accounts

Your phone can synchronize with a variety of accounts. With synchronization, information on your phone is updated with any information that changes in your accounts.

- **Corporate**: Add your Exchange account to sync Contacts and Calendar.
- **Facebook**: Add your Facebook SNS Service to sync Contacts and Calendar.
- **Facebook**: Add your Facebook account.
- **Google**: Add your Google account.
- **Google**: Sync with your Google account Contacts and Calendar.
- **MySpace**: Sync with MySpace SNS Service for Contacts.
- **Twitter**: Add your Twitter SNS Service to sync Contacts.
- **Windows Live Hotmail**: Sync with Windows Live Hotmail Contacts.
- **Yahoo!**: Add your Yahoo! account to sync Contacts and Calendar.

Note: You must register your phone with your social networking site before using the phone to access the networks.

Setting Up Your Accounts

Set up and manage your synchronized accounts with the Accounts & sync setting.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Accounts & sync**.
2. Touch **Add account**, then select the account type.
3. Follow the prompts to enter your account credentials to complete the set-up process.
4. The phone communicates with account servers to set up your account. When complete, your account appears in the **Manage accounts** area of the **Accounts & sync** screen.

Tip: For more information on setting up your email, visit the Smartphone Resource Center at https://smartphones.verizonwireless.com, click on the Smartphone Support tab and select your phone.

Setting Up a Facebook account

Note: You must register your phone with Facebook before using the phone to access the site. From your Facebook account, go to Account Settings and follow the "Activate a Phone" registration instructions.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Accounts & sync** ➔ **Add account** ➔**Facebook**.
2. Enter your Email and Password, then touch **Log in**.
3. Follow the prompts to complete the set-up.

Setting Up a Twitter account

Note: You must register your phone with Twitter before using the phone to access the site. From Twitter.com Settings, follow the instructions in the Mobile area to register your phone.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Accounts & sync** ➔ **Add account** ➔**Twitter**.
2. Enter your Email and Password, then touch **Log in**.
3. Follow the prompts to complete the set-up.

Setting Up a MySpace account

Note: You must register your phone with MySpace before using the phone to access the site. From the MySpace Account Settings, follow the "Mobile Activation" registration.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Accounts & sync** ➔ **Add account** ➔**MySpace**.
2. Enter your Email and Password, then touch Log in.
3. Follow the prompts to complete the set-up.

Feeds and Updates

Feeds and Updates displays feeds from your Facebook, MySpace, and Twitter accounts, and allows you to post an update to your accounts, right from the Home screen.

Tip: The Feeds and Updates widget is available by default on the Home screen, or is available in the Samsung Widgets. For more information about placing widgets on the Home screen, see *"Widgets"* on page 25.

- From the Home screen, touch **Setup** on the Feeds and Updates widget to configure your preferences.

Note: When you set up Facebook, Myspace and Twitter accounts on your phone, your accounts automatically appear in Feeds and Updates.

Contacts

To access Contacts:

▶ From the Home screen, touch **Contacts**.

Creating Contacts

1. From the Home screen, touch **Contacts** ➔ **Create contact**.
2. At the **Save contact to** prompt, touch Phone to save the account to your Contacts only, or touch an account for synchronizing the contact (available options depend on the accounts you have set up for synchronization).
3. Touch contact fields to enter information:
   - Touch **Photo ID** to choose a picture to identify the contact.
   - Touch **First name**, then enter a first name for the contact.
   - Touch **Last name**, then enter a last name for the contact. After entering a last name touch **Expand** to enter a Name prefix or Middle name.
   - Touch **Phone number** to enter a phone number, then touch the **Label** button to choose a label, from **Mobile**, **Home**, **Work**, **Work Fax**, **Pager**, **Assistant**, **Other**, or **Custom** to create a custom label. To add another number, touch **Add phone number**.
   - Touch **Email address** to enter an email address, then touch the **Label** button to choose a label, from **Home**, **Work**, **Mobile**, **Other**, or **Custom** to create a custom label. To add another address, touch **Add email address**.
   - Touch **Instant msg** to enter an instant message address, then touch the label button to choose a label, from **Google Talk**, **AIM**, **Windows Live**, **Yahoo**, **Skype**, **QQ**, **ICQ**, **Jabber**, or **Custom** to create a custom label. To add another IM, touch **Add IM**.
   - Touch **Groups** to assign the contact to a group. For more information about Groups, see *"Groups"* on page 52.
   - Touch **Ringtone** to choose a ringtone for the contact.
   - Touch **Company** to enter a company name.
   - Touch **Job title** to enter a work title.
   - To add more fields, tap **Add more fields** to choose **Nickname**, **Postal address**, **Web address**, **Birthday**, **Anniversary** and **Note**.
4. When you finish entering information, touch Save.

Creating Contacts from Call log

Save a phone number from a recent call record to create a new contact, or update an existing contact.

For more information, see *"Creating or Updating Contacts Using Call Log"* on page 41.

Creating Contacts from the Phone Dialer

Enter a phone number with the Phone Dialer keypad, then save it.

1. From a Home screen, touch **Phone**.
2. Touch the digits of the phone number on the **Dialer** keypad.
3. Touch **Add to Contacts**, then select **Create contact** from the pop-up menu.
4. Continue entering contact information. For more information, see *"Creating Contacts"* on page 46.

Updating Contacts

Make changes to update an existing contact.

1. From the Home screen, touch **Contacts**.
2. Touch a contact to view its information, then touch **Menu** → **Edit**.

   – or –

   Touch and hold on a contact, then select **Edit** from the pop-up menu.
3. Continue entering contact information. For more information, see *"Creating Contacts"* on page 46.

Updating Contacts from the Phone Dialer

Enter a phone number with the Phone Dialer keypad, then save it.

1. From a Home screen, touch **Phone**.
2. Touch the digits of the phone number on the **Dialer** keypad.
3. Touch **Add to Contacts**, then select **Update existing** from the pop-up menu.
4. Select a contact to update, then touch **Save**, or continue entering contact information. For more information, see *"Creating Contacts"* on page 46.

Updating Contacts from Call log

Save a phone number from a recent call record to create a new contact, or update an existing contact.

For more information, see *"Creating or Updating Contacts Using Call Log"* on page 41.

Linked Contacts

Your phone can synchronize with multiple accounts, including Google, Corporate Exchange, and other email providers, plus social networking sites like Facebook, Twitter, and MySpace. When you synchronize contacts from these accounts with your phone, you may have multiple contacts for one person.

Linking imported contact records to a phone contact allows you to see all the contact's numbers and addresses together in one Contact entry. Linking also helps you keep your contacts updated, because any changes that your contacts make to their information in the respective accounts is automatically updated the next time you synchronize with the account.

Note: Phone contacts are always the primary contact for linking. You can link imported contacts to a Phone contact, but the Phone contact will always display; the imported contact will show as the linked contact.

Linking contacts

1. From the Home screen, touch **Contacts**.
2. Touch a Phone contact (a contact with the icon) to display its information.
3. Touch **Menu** ➔ **Link contact**.
4. Touch an imported contact record to link it to the Phone contact.

Unlinking contacts

1. From the Home screen, touch **Contacts**.
2. Touch a contact to display its information.
3. Touch the **Linked Contacts** field to display linked contacts.
4. Touch a contact to unlink it from the displayed contact.

Get Friends

Use the Get Friends feature to sync with your accounts. You can choose from an account you've already set up on your phone, or set up a new account.

For more information about setting up accounts on your phone, see *"Setting Up Your Accounts"* on page 44.

1. From the Home screen, touch **Contacts**.
2. Touch **Menu** ➔ **Get friends**.
3. Touch **Add Account**, then touch an account. For more information, see *"Setting Up Your Accounts"* on page 44.
4. Touch **Menu** ➔ **Sync now**.

Contacts Display Options

1. From the Home screen, touch **Contacts**.
2. Touch **Menu** ➔ **Display options** to set these options:
   - Touch **Only contacts with phones** to restrict display to contacts with phone numbers.
   - Touch **Phone** to choose contacts for display by group, then select groups for display.
   - Touch an account to choose display categories.
3. Touch Done to save options.

Sending Namecards

Sending a Namecard (vCard)

You can send a contact namecard as a vCards via Bluetooth to other Bluetooth devices, or via Gmail as an attachment.

Note: Not all Bluetooth devices will accept contacts, and not all devices support transfers of multiple contacts. Check the target device's documentation.

1. From the Home screen, touch **Contacts**.
2. Touch a contact to display its information.
3. Touch **Menu** ➔ **Send namecard via**.
4. At the prompt, choose a sending method, then follow the prompts to send the namecard:
   - **Bluetooth**: For more information about sending via Bluetooth, see *"Bluetooth"* on page 99.
   - **Corporate Email**: For more information about sending Corporate Email, see *"Corporate Email"* on page 69.
   - **Email**: For information about sending Email, see *"Email"* on page 66.
   - **Gmail**: For more information about sending Gmail, see *"Composing and Sending Gmail"* on page 65.

Note: Touch **Use by default for this action** to use the selected sending method every time you send a namecard.

Sending multiple namecards via Bluetooth

You can send multiple contact namecards as vCards via Bluetooth to other Bluetooth devices.

Note: Not all Bluetooth devices will accept contacts, and not all devices support transfers of multiple contacts. Check the target device's documentation.

1. From the Home screen, touch **Contacts**.
2. Touch **Menu** ➔ **More** ➔ **Send via Bluetooth**.
3. Touch contacts to mark them for sending, or touch **Select all** to mark all contacts. A check mark appears in the check box for marked contacts.
4. Follow the prompts to send the namecards. For more information about Bluetooth, see *"Bluetooth"* on page 99.

Backing Up Your Contacts

Use Backup Assistant to save a copy of your Contacts to a secure web site. For more information, see *"Backup Assistant"* on page 54.

1. From the Home screen, touch **Contacts**.
2. Touch **Menu** ➔ **Backup**.
3. Follow the prompts to log in to your Backup Assistant account.

Exporting and Importing Contacts

You can export your contact list to an installed memory card, or import a list of contacts (previously exported) from a memory card.

1. From the Home screen, touch **Contacts**.
2. Touch **Menu** ➔ **More** ➔ **Export/Import**.
3. Touch **Import from SD card** or **Export to SD card**, then follow the prompts to complete the operation.

Favorites

Mark contacts with a star to identify them as Favorites.

Favorites display on the Favorites tab in the Phone Dialer, for fast dialing or messaging, and are indicated by the ★ in Contacts.

Creating Favorites

1. From the Home screen, touch **Contacts**.
2. Touch and hold on a contact, then select **Add to favorites** from the pop-up menu.

   – or –

   Touch a contact to display it, then touch the **Star** at the top right of the screen.

My Profile

My profile is your own contact record. You can send My profile as a vCard via Bluetooth or as an attachment via Gmail.

Viewing My Profile

1. From the Home screen, touch **Contacts**.
2. Touch **Menu** ➔ **More** ➔ **My profile** to display your contact information.
3. To add information to your profile, touch **Menu** ➔ **Edit**. For more information, see *"Creating Contacts"* on page 46.

Sending My Profile

You can send My Profile as a vCard via Bluetooth to other Bluetooth devices, or as an attachment to a Gmail or other email.

1. From the Home screen, touch **Contacts**.
2. Touch **Menu** ➔ **More** ➔ **My profile** to display your contact information.
3. Touch **Menu** ➔ **Send via**.
4. At the prompt, choose a sending method, then follow the prompts to send the profile:
   - **Bluetooth**: For more information about sending via Bluetooth, see *"Bluetooth"* on page 99.
   - **Corporate Email**: For more information about sending Corporate Email, see *"Corporate Email"* on page 69.
   - **Email**: For information about sending Email, see *"Email"* on page 66.
   - **Gmail**: For more information about sending Gmail, see *"Composing and Sending Gmail"* on page 65.

Note: Touch **Use by default for this action** to use the selected sending method every time you send My Profile.

Groups

Assign contacts to Groups to make searching for contacts faster, or to quickly call or send messages to group members. You can also assign a ringtone to a group, to easily recognize incoming calls from group members.

Creating a New Group

1. From the Home screen, touch **Contacts** ➔ **Groups**.
2. Touch **Menu** ➔ **Create**.
3. Touch the **Group Name** field to enter a name for the group.
4. Touch **Ringtone** to choose a ringtone for calls from members of this group. Touch **Default Ringtone**, or **Phone Ringtone** to select a new ringtone.
5. Touch Save to save the new group.

Deleting a Group

1. From the Home screen, touch **Contacts** ➔ **Groups**.
2. Touch **Menu** ➔ **Delete**.
3. Choose **Group only** or **Group and group members**.
4. Touch a group to mark it, or touch **Select all** to mark all groups. When selected, a check mark appears.
5. Touch Delete to delete the group(s).

Editing a Group

1. From the Home screen, touch **Contacts** ➔ **Groups**.
2. Touch a Group to display it.
3. Touch **Menu** ➔ **Edit group**.
4. Touch the **Group Name** field to change the Group Name.
5. Touch **Ringtone** to choose a ringtone for calls from members of this group. Touch **Default Ringtone**, or **Phone Ringtone** to select a new ringtone.
6. Touch Save to save the changes.

Adding Contacts to a Group

Tip: You can also add a contact to a group when you create the contact. For more information, see *"Creating Contacts"* on page 46.

1. From the Home screen, touch **Contacts** ➔ **Groups**.
2. Touch a **Group** to display it, then touch **Add member**.
3. Touch contact(s) to mark them for addition, or touch **Select all** to mark all contacts. When selected, a check mark appears in the check box.
4. Touch Add to add the selected contact(s).

Removing Contacts from a Group

Tip: You can also change a contact's group affiliation when you edit the contact. For more information, see *"Updating Contacts"* on page 47.

1. From the Home screen, touch **Contacts** ➔ **Groups**.
2. Touch a **Group** to display it.
3. Touch **Menu** ➔ **Remove member**.
4. Touch contact(s) to mark them for removal, or touch **Select all** to mark all contacts. When selected, a check mark appears in the check box.
5. Touch Remove to remove the selected contact(s).

Sending a Message to Group Members

1. From the Home screen, touch **Contacts** ➔ **Groups**.
2. Touch a **Group** to display it.
3. Touch **Menu** ➔ **Send Message**.
4. Touch contacts to mark them as recipients for the new message, then touch Send.
5. The new message displays, with marked contacts as recipients. For more information, see *"Creating and Sending Messages"* on page 62.

History

History displays all calls, messages, emails, IMs, and Facebook, MySpace and Twitter messages sent and received from contacts.

1. From the Home screen, touch **Contacts** ➔ **History**.
2. A list of calls, messages and emails displays, sorted by time, with most recent first.
3. Touch **Menu** for these options:
   - **Delete**: Erase history records.
   - **View by**: Filter records by type. Choose from **Call**, **Message**, **Facebook**, **MySpace**, or **Twitter**.

Activities

Use Activities to view updates to Contacts from your social networking accounts, such as Facebook, Twitter or MySpace.

Note: If you haven't updated Contacts from any accounts, the Activities tab will be blank.

▶ From the Home screen, touch **Contacts** ➔ **Activities**.

Speed Dials

Speed Dials are 1-, 2-, or 3-digit shortcuts (1 to 100) you assign to contacts, to allow you to quickly call the contact.

Note: Some Speed Dials are reserved by default, and cannot be assigned:
Speed Dial 1 is reserved for Voicemail.
Speed Dial 97 is reserved for balance inquiries.
Speed Dial 98 is reserved for minutes inquiries.
Speed Dial 99 is reserved for payment inquiries.
Speed Dial 100 is reserved for data call inquiries.

Assigning Speed Dials

1. From the Home screen, touch **Contacts**.
2. Touch **Menu** ➔ **More** ➔ **Speed dial**.
3. A list of speed dials displays.Touch a speed dial, then touch a contact to assign the contact to the speed dial.

Removing or Reassigning a Speed Dial

1. From the Home screen, touch **Contacts**.
2. Touch **Menu** ➔ **More** ➔ **Speed dial**.
3. Touch **Menu**, then touch an option:
   - **Remove**: Touch a speed dial to remove it.
   - **Change order**: Touch and hold a speed dial, then drag it to a new location in the list.

Backup Assistant

Backup Assistant is a free wireless service that saves a copy of your Contacts to a secure web site. If your phone is lost, stolen or damaged, Backup Assistant can restore your saved contacts to a new phone, wirelessly. You can schedule backups to save your information manually or automatically. Log in to your web account for full access to your contacts for viewing, printing, adding, deleting and editing.

For more information about configuring Backup Assistant settings, see *"Backup Assistant"* on page 143.

Note: Subject to specific terms of use. Results may vary based on backup schedule and other factors.

See www.verizonwireless.com/backupassistant for more details.

▶ From the Home screen, touch **Contacts**, then touch **Menu** ➔ **Backup**.

– or –

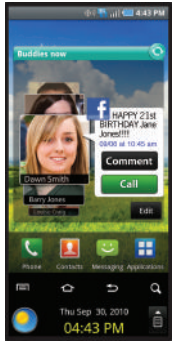
From the Home screen, touch **Menu** ➔ **Settings** ➔ **Accounts & sync** ➔ **Backup Assistant**.

Buddies Now

The Buddies Now widget is a quick way to create shortcuts to your favorite contacts, to make comments to your social networking sites, message, or call your contacts with one touch.

The Buddies Now widget is available by default on the Home screen, or is available in the Samsung Widgets. For more information about using widgets on the Home screen, see *"Widgets"* on page 25.

- From the Home screen, tap the plus icon to add a buddy, then select a buddy from your Contacts. The contact is added to the Buddies Now widget.

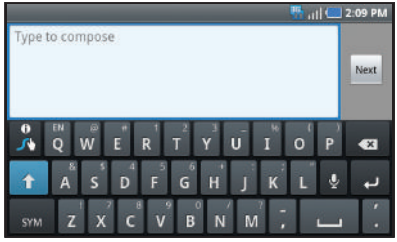


This section describes how to enter words, letters, punctuation and numbers when you need to enter text.

Virtual QWERTY Keyboard

Your phone uses a virtual QWERTY keyboard for text entry. Use the keyboard to enter letters, punctuation, numbers, and other characters into text entry fields or applications. Access the keyboard by touching any text entry field.

The virtual QWERTY keyboard displays at the bottom of the screen. By default, when you rotate the phone, the screen orientation updates to display the keyboard at the bottom of the screen.



Swype Keyboard

Text Input Methods

Your phone offers two text input methods:

- **Swype**: Swype is a new text input method that allows you to enter words by gliding your finger over the virtual QWERTY keyboard, lifting your finger between words. You can also enable Word prediction, which matches your key touches to common words.
- **Android Keyboard**: The Android Keyboard is a virtual QWERTY keyboard that allows you to enter text by touching keys on the screen. Android Keyboard includes predictive text, which matches your key touches to common words so that you can select the word to enter it into your text.

Changing the Input Method

When entering text, you can select the text input method.

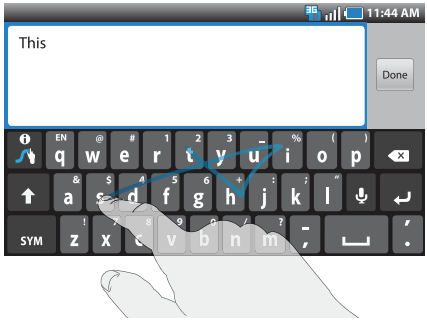
▶ Touch and hold on a text input field, then select an input method:

- **Swype**
- **Android keyboard**

Entering Text Using Swype

Swype is a new way to enter text on touch screens. Instead of touching each key, use your finger to trace over each letter of a word. For each word, place your finger on the first letter and glide to the subsequent letters, lifting on the last letter.

This example shows how to enter the word “this”. Put your finger down on the “t”, and without lifting, glide it to the “h”, then to the “i” then over to the “s”.



Here are a few tips to get you started:

- **Spacing is automatic**: When you finish a word, just lift your finger and start the next word.
- **Double letters**: Just “scribble” on the key.
- **Capitalization**: Swype recognizes and capitalizes the first word of sentences. If you want to capitalize a word that isn’t at the beginning of a sentence, just glide above the keyboard before gliding over the next letter.
- **Contractions**: Swype recognizes most words that include an apostrophe; just swype the letters of the word, including the apostrophe.
- **Punctuation**: Tap and hold a key to view a punctuation menu and make a selection.
- **Accented characters**: Just glide through the letters of the word. Swype usually recognizes the word and correctly accents the letters.
- **Error correction**: If you make a mistake, double-tap on the word you want to change.
- **Language**: To quickly switch languages while entering text, touch and hold the EN q key, then touch a language.

Configuring Swype

Configure Swype to your preferences.

- For more information, see *"Swype"* on page 148.
- While entering text, touch the **Swype Key** → **Options**.

Tip: To customize predictive text, configure the User dictionary settings. For more information, see *"User dictionary"* on page 149.

Swype Help

While entering text, you can get tips and help about using Swype.

- Tap the **Swype Key** to show **Tips**. Tap **More Tips** to see more.
- Tap the **Swype Key** → **Tutorial** for an interactive tutorial.
- Touch and hold the **Swype Key**, then touch **More Help** to view Help.

Entering Symbols and Numbers

Using the Swype Keyboard:

- Touch and hold on a key to enter the symbol or number at the top of the key.
- Touch and hold on a key until a menu of all characters available on that key appears, then touch a character to enter it.
- Touch SYM to switch to Symbol mode, then touch a key.
- Touch SYM → **Shift** for more symbols, then touch the corresponding key.

Using the Numeric Keyboard

Switch to a Numeric Keyboard, to quickly enter numbers and mathematical operators:

- Touch and hold 123 ABC.

Editing Keyboard

The Editing Keyboard provides a quick way to move the cursor and highlight text. If the application in which you are working supports editing, you can cut, copy or paste highlighted text.

To access the Editing Keyboard:

- Swype from the **Swype Key** to the SYM **SYM Key**.

Using Swype Speech Recognition

Enter text by speaking. Swype recognizes your speech and enters text for you.

To use Speech recognition:

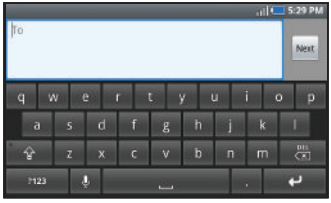
- Touch the **Speech Recognition Key**.

  At the **Speak now** prompt, speak the text you want to enter.

Entering Text Using the Android Keyboard

The Android Keyboard is a custom virtual QWERTY keyboard, featuring predictive text. Input characters by tapping the on-screen keys with your finger, or use speech recognition.

As you enter characters, predictive text matches your key touches to common words and displays them. Select a word from the display to insert it into your text.



Configuring Android Keyboard

Configure the Android Keyboard to your preferences.

- For more information, see *"Android keyboard"* on page 149.
- While entering text, touch and hold ?123 or ABC, then touch **Android keyboard settings**.

Tip: To customize predictive text, configure the User dictionary settings. For more information, see *"User dictionary"* on page 149.

Entering Upper and Lower Case Letters

The default case is lower case (abc). Enter upper and lower case alphabet letters by touching the Shift key to toggle the case, before touching the letter key(s).

- Touch once to switch from abc to Abc mode
- Touch and hold to switch to ABC mode

Entering Symbols and Numbers

To enter common symbols, touch ?123 to switch to symbol mode, then touch the corresponding key.

To enter less-common symbols, touch ?123 → ALT, then touch the corresponding key.

Enter numbers by touching ?123, then touching the number keys.

Using Android Speech Recognition

Enter text by speaking. Android Keyboard recognizes your speech and enters text for you.

Note: Enable Speech Recognition in Android Keyboard settings. For more information, see *"Android keyboard"* on page 149.

▶ Touch the **Speech Recognition Key**.

Section 6: Messaging

This section describes how to send and receive messages, and other features associated with messaging.

Types of Messages

Your phone supports these types of messages:

- **Text messages**: Send and receive simple messages containing text to other mobile phones or email addresses (also known as SMS).
- **Multimedia messages**: Send and receive text messages with pictures and/or sound to other mobile phones or email addresses (also known as MMS).
- **Mobile IMs**: Exchange Instant Messages to users of popular messaging sites.
- **Email**: Send and receive email from your email accounts, including Corporate Exchange mail.
- **Gmail**: Send and receive Gmail from your Google account.
- **Google Talk**: Chat with other Google Talk users.

Note: Messaging service availability depends on your network and service plan. Multimedia Messaging charges apply per your Calling Plan. Monthly plans are available. Higher rates apply for International Multimedia Messaging (when available). Compatible Device required. Consult Verizon Wireless for more information.

Text and Multimedia Messaging

Text Messages, also known as SMS (Simple Messaging System), are messages containing text, which can be send to another mobile phone or to an Email address.

Multimedia messages (MMS) combine text with attachments such as pictures, videos, and sounds, and can be sent to other mobile phones, or to Email addresses.

Creating and Sending Messages

1. From the Home screen, touch **Messaging** → **New message**.
2. Tap the **To** field and enter the recipient's name, phone number or email address:
   - As you enter a name, phone number or email address, matching contacts appear on the screen. Touch a contact to add it to the list.
   - When creating a message with the phone in portrait mode, touch **Recent** to choose a recent recipient, **Contacts** to select contacts, or **Group** to choose a group for the To list.
3. Touch the **Type to compose** field and enter your message.

   While composing a message, touch **Menu** for these options:
   - **Add subject**: Add a subject field to the message and enter a subject. (This option also converts the message to MMS.)
   - **Attach**: Add content to the message to convert it to MMS.
     - **Pictures**: Add a picture.
     - **Capture picture**: Take a new picture.
     - **Videos**: Add a video.
     - **Capture video**: Record a new video.
     - **Audio**: Add a sound clip.
     - **Record audio**: Create a new audio clip.
     - **Slideshow**: Add a slideshow of pictures to this message.
   - **Add text**: Select text from Contacts, Calendar, or Memo to add to the message.
   - **Insert smiley**: Add a text emoticon to the message.
   - **Cancel**: Discard the message.
4. Touch to send the message.

Managing Messages

Threaded View

Messages you send and receive to the same contact, number or address are grouped together as a "thread". Threaded messages allow you to see all the messages you exchanged with a contact, or other recipient, with the latest message displayed first.

1. From a Home screen, touch **Messaging**.
2. Message threads display by contact, number, or address. While viewing message threads, you have these options:
   - Touch and hold a thread to choose from:
     - **View Contact / Add to contacts**: View the contact record, or save the sender/recipient's information as a new contact, or to update an existing contact.
     - **Delete thread**: Erase the entire message thread.
   - Touch **Menu** for these options:
     - **Compose**: Create a new message.
     - **Delete threads**: Touch message threads to mark them for erasure, or touch **Select all** to mark all message threads for erasure.
     - **Search**: Enter keywords to search messages and recipient lists.
     - **Settings**: Configure message settings.

Message Settings

Configure message settings.

1. From a Home screen, touch **Messaging**.
2. Touch **Menu** → **Settings** to set:
   - **Delete old messages**: Touch to enable or disable automatic erasure of messages when stored message reach default limits. When disabled, the phone will prompt you to delete old messages to make room.
   - **Text message limit**: Touch to set a limit for the number of text messages per thread.
   - **Multimedia message limit**: Touch to set a limit for the number of multimedia messages per thread.
   - **Auto-retrieve**: Touch to enable or disable automatic retrieval of MMS messages. When enabled, MMS messages download automatically. When disabled, the phone prompts to download new MMS messages.
   - **Roaming auto-retrieve**: Touch to enable or disable automatic retrieval of MMS messages when in Roaming mode. When enabled, MMS messages download and display automatically. When disabled, the phone prompts you to download new MMS messages.
   - **Notifications**: Touch to enable or disable alerts in the status bar.
   - **Select ringtone**: Touch to select a ringtone for message alerts.
   - **Vibrate**: Touch to enable or disable vibration for message alerts.

Gmail

Send and receive emails via Gmail, Google's web-based email.

Tip: Use the Set-up Wizard to set up your Google account on your phone. For more information, see *"Set-up Wizard"* on page 9.

▶ From the Home screen, select **Applications** ➔ **Gmail**.

Setting UpYour Gmail Account

The first time you launch Gmail, your phone will prompt you to set up your Google account.

Note: You can use more than one Google account on your phone. To add another account, use the **Menu** ➔ **Accounts** option.

1. From the Home screen, select **Applications** ➔ **Gmail**.
2. At the Set up your Google Account screen, touch Next to begin, then touch an option:
   - **Create**: Follow the prompts to create a new account.
   - **Sign in**: Enter your Google Username and Password, then touch Sign In.
3. The phone communicates with the Google server to set up your account and synchronize your email. When complete, your Gmail appears in the Inbox.

Refreshing Your Gmail Account

Refresh your account to update your phone from the Gmail servers.

1. From the Home screen, select **Applications** ➔ **Gmail**.
2. Touch **Menu** ➔ **Refresh**.

Managing Your Gmail Account

Use menu options to manage your Gmail.

1. From the Home screen, select **Applications** ➔ **Gmail**.
2. Touch **Menu** for these options:
   - **Refresh**: Update your phone from the Gmail servers.
   - **Compose**: Create and send new Gmail.
   - **Accounts**: Choose a Gmail account to display, or add a Google account.
   - **View labels**: View Gmail by label.
   - **Search**: Enter keywords to search mail.
   - **Settings**: Configure Gmail account settings. For more information, see *"Gmail account settings"* on page 65.

Composing and Sending Gmail

1. From the Home screen, select **Applications** ➔ **Gmail**.
2. Touch **Menu** ➔ **Compose**.
3. Touch the **To** field to enter recipients. As you enter names or numbers, matching contacts display. Touch a contact to add it to the field.
4. Touch the **Subject** field to enter a subject.
5. Touch **Compose Mail** to enter the text of your email.
6. While composing a message, touch **Menu** for these options:
   - **Send**: Send the message.
   - **Add Cc/Bcc**: Create Cc (copy) and Bcc (blind copy) fields to the message. After creating the fields, touch to enter recipients.
   - **Attach**: Launch Gallery to select a picture to add to the message.
   - **Edit subject**: Modify the email's subject.
   - **Discard**: Close the message without saving.
7. Touch **Send** to send the message.

Gmail account settings

1. From the Home screen, select **Applications** ➔ **Gmail**.
2. Touch **Menu** for these options
   - **Refresh**: Update Gmail on your phone from the Google servers.
   - **Compose**: Create a new email.
   - **Accounts**: View and choose from your Google account(s).
   - **View labels**: View Google content by label.
   - **Search**: Find Gmail items.
   - **Settings**:
     - **Signature**: Create a text signature to add to outgoing messages.
     - **Confirm delete**: Have your phone prompt you to confirm deletions.
     - **Batch operations**: Allow changes to labels on more than one conversation.
     - **Clear search history**: Remove previous searches you have performed.
     - **Labels**: Choose which labels are synchronized.
     - **Email notifications**: When enabled, notifications for new email appears in the Notifications Panel.
     - **Select ringtone**: Choose a ringtone for new email notifications.
     - **Vibrate**: When enabled, the phone will vibrate for new email notifications, along with the ringtone (if a ringtone is selected.)

Email

Use Email to view and manage all your email accounts in one application.

Configuring Email Accounts

1. From the Home screen, select **Applications** ➔ **Email**.
2. Touch **Add Account**, then choose a provider, or touch **Other** to set up another account.
3. Touch the **Username** field to enter your email username.
4. Touch the **Password** field or touch **Next** to enter your password, then touch **Next** to continue set-up.
5. Complete set-up by following the prompts to configure account options. Available options vary, depending on the provider.

   If the account includes synchronization of contacts and calendars, you can choose whether to synchronize these features with your phone.

Note: To configure email account settings at any time, select the account, then touch **Menu** ➔ **Account settings.**

Composing and Sending Email

1. From the Home screen, select **Applications** ➔ **Email**.
2. Touch an account, then touch **Menu** ➔ **Compose**.
3. Touch the **To** field to enter recipients. As you enter names or numbers, matching contacts display. Touch a contact to add it to the field.
4. Touch the **Subject** field, or touch **Next**, to enter a subject.
5. Touch the text field, or touch **Next**, to enter the email text.
6. While composing a message, touch **Menu** for these options:
   - **Send**: Send the message.
   - **Display Cc/Bcc**: Create Cc (copy) and Bcc (blind copy) fields in the message. After creating the field, touch to enter recipients.
   - **Add attachment**: Add a file to the message.
   - **Change priority**: Set the priority of the message.
   - **Discard**: Delete the message without sending.
7. Touch **Send** to send the message.

Managing Emails

Combined Inbox

Emails you receive to all accounts are presented in the All Emails inbox, or you can view email accounts individually.

1. From the Home screen, select **Applications** ➔ **Email**.
2. Touch an account, or touch the **All Emails** tab.

Checking Your Email

Refresh your account to update your phone from the servers.

1. From the Home screen, select **Applications** ➔ **Email**.
2. Touch an account to display it.
3. Touch **Menu** ➔ **Check Mail**.

Email Settings

Use settings to configure handling of email on your phone.

General Settings

1. From the Home screen, select **Applications** ➔ **Email**.
2. Touch the Home tab, then touch **Menu** ➔ **General settings** for these options:
   - **Quiet time**: By default, new email is synchronized to your phone when it arrives (may also depend on your account settings). During quiet time, you can manually check email, but no email notifications are sent to your phone.
     - To set Nights as quiet time, touch **Nights**, then touch Night Hours Start and Night Hours End to set start and end times.
     - To set Weekends as quiet time, touch **Weekends**, then touch days to set quiet time for those days. Note that weekend days can apply to any day of the week, so you can customize your quiet time to your schedule.
     - To set **Low Power c**onditions (less than 15% of battery power remaining) as quiet time, touch **Low Power (<15%)**.
     - To restrict email checking when roaming, touch **When Roaming**. Checking email uses data services. With this setting, you can control when your phone checks for new email, in case you want to only use data services when in your home network area.

- **Notifications and Alerts**: Specify how you want your phone to alert you to new emails.
  - Touch **Audio Notification** to have your phone play the default ringtone for new emails.
  - Touch **Message notification** to have your phone display a notification message for new emails.
  - Touch **Vibrate** to have your phone vibrate for new emails. Note that the vibration is independent of the Audio and Message notifications.
- **Support Tools**: Choose options for logging, in case support is needed. Most users do not need these settings.

Account Settings

Use Account settings to configure handling of email for accounts.

Note: Available settings may depend on the email account, and include setting how much email to synchronize, creating signatures for emails you send, and other handling options.

1. From the Home screen, select **Applications** ➔ **Email**.
2. Touch the account tab, then touch **Menu** ➔ **Account settings** to configure these options:
   - **Limits**:
     - **Time Limit**: Choose a number of days, to limit the number of emails downloaded to your phone.
     - **Message Size Limit**: Set the maximum size of messages, to limit the size of emails stored on your phone.
   - **Signature**:
     - **New Emails?**: When enabled, adds your text signature to new emails you create.
     - **Reply and Forward?**: When enabled, adds your text signature to your replies to emails, and when you forward an email to another recipient.
     - **Signature**: Enter a text signature.
     - **Reply To**: If you have more than one account, choose the account used when people reply to your emails.
   - **Reply to**:
     - **"Reply to" header**: Enter an email address to use when people respond to an email you sent.
   - **Folders**:
     - **Folders**: Choose folders to synchronize.

Corporate Email

Send and receive email from your Exchange email account.

Configuring your Exchange Account

Note: You can also set up your Exchange account with the Accounts & Sync settings. For more information, see *"Accounts"* on page 44.

1. From the Home screen, select **Applications** ➔ **Corporate Email**.
2. At the **Set up email** screen, enter your **Email address** and **Password**, then touch **Next**.
3. At the **Exchange Server settings** screen, enter server settings, then touch **Next**. The phone communicates with the server to confirm your account.
4. At the **Account options** screen, select account settings, then touch **Next**. For more information, see *"Account Settings"* on page 70.
5. At the **Set up email** screen, enter a name for the account (to display on screen), and enter your name to appear on outgoing messages. Touch **Done** to complete set-up.

Tip: For more information on setting up your email, visit the Smartphone Resource Center at https://smartphones.verizonwireless.com, click on the Smartphone Support tab and select your phone.

Composing and Sending Email

1. From the Home screen, select **Applications** ➔ **Corporate Email**.
2. Touch **Menu** ➔ **Compose**.
3. Touch the **To** field to enter recipients. As you enter names or numbers, matching contacts display. Touch a contact to add it to the field, or use these options:
   - **Recent**: Choose recipients from recently-used contacts.
   - **Contact**: Choose recipients from Contacts.
   - **Group**: Choose a group to add the group's members as recipients.
   - **Search**: Search for a contact.
4. Touch the **Subject** field to enter a subject.
5. Touch the text field to enter the email text.
6. While composing, touch **Menu** for these options:
   - **Add Cc/Bcc**: Create Cc (carbon copy) and Bcc (blind copy) fields in the message. After creating the field, touch to enter recipients.
   - **Save as draft**: Save the email as a draft.
   - **Add text**: Copy text from a Contacts, Calendar, or Memo to paste into this message.
7. Touch **Attach** to attach a file to the message (optional).
8. Touch **Send** to send the message.

Managing Emails

Folders

Emails you send and receive are stored in the Folders.

1. From the Home screen, select **Applications** ➔ **Corporate Email**.
2. Touch **Menu** ➔ **Folders**.

Checking Your Email

Refreshing your account retrieves email from the server to view in Corporate Email. You can refresh to check for new emails at any time, or if you have your Email check frequency set to Never.

1. From the Home screen, select **Applications** ➔ **Corporate Email**.
2. Touch **Menu** ➔ **Refresh**.

Account Settings

Use Account settings to configure email handling.

1. From the Home screen, select **Applications** ➔ **Corporate Email**.
2. Touch **Menu** ➔ **Account settings** for these settings:
   - **General settings**:
     - **Account name**: Enter a name to identify this account.
     - **Your name**: Enter your name, to appear on emails from this account.
     - **Email check frequency:** Choose a time interval for the application to check the server for new email. When set to Automatic (Push), the server will automatically deliver email to your phone when it is received at the server. When set to Never, you will need to refresh your account to download new emails to your phone.
     - **Amount to synchronize**: Choose how much email you want to see on your phone.
     - **Default account**: When enabled, email from your phone is automatically sent from this account.
     - **Advanced settings**: Configure settings, such as maximum email size.
   - **Notification settings**:
     - **Email notifications**: When enabled, the New Email icon appears in the Annunciator Line when a new email arrives.
     - **Select ringtone**: Choose a ringtone for email notifications for this account.
     - **Vibrate**: When enabled, email notifications for this accounts are accompanied by vibration.
   - **Server settings**:
     - **Incoming settings**: Configure server settings.
     - **Sync contacts**: When enabled, contacts from your Exchange account are synchronized with your phone's Contacts.
     - **Sync calendar**: When enabled, events from your Exchange account are synchronized with your phone's Calendar.
   - **Common Settings**:
     - **Signature**: Enter a text signature to be added to emails from this account.

IM

Use IM to view and manage all your instant messaging accounts in one application.

Configuring IM Accounts

1. From the Home screen, select **Applications** ➔ **IM**.
2. Touch **Add Account**, then choose a service.
3. Touch login fields to enter your credentials for the service.

Note: Login procedures vary for different service providers.

4. Complete set-up by following the prompts to configure options. Available options vary, depending on the provider.

Note: To configure email account settings at any time, select the account, then touch **Menu** ➔ **Account settings.**

Google Talk

Chat with other Google Talk users.

Tip: Talk requires that you have a Google account. Use the Set-up Wizard to set up your Google account on your phone. For more information, see *"Set-up Wizard"* on page 9.

- From the Home screen, select **Applications** ➔ **Talk**.

Note: If you have already set up your Google account, you are automatically logged in. If you do not have a Google account, you can touch **Create** to create a new Google account.

Bing

Bing Search is a powerful search tool for locating web content via your phone, tailored for your current location.

Note: Bing requires that you enable location services settings to determine your location for searches. For more information, see *"My Location"* on page 136.

- From the Home screen, touch **Applications** ➔ **Bing**.

YouTube

View and upload YouTube videos, right from your phone.

- From the Home screen, select **Applications** ➔ **YouTube**.

Voice Search

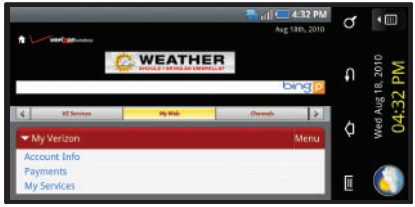
Voice Search offers voice-activated Google searches.

1. From the Home screen, select **Applications** ➔ **Voice Search**.
2. Voice Search uses your location to improve search results and offer other services. Touch **Agree** to allow location-based searches, or **Disagree** to disallow.
3. At the **Speak now** prompt, speak your search criteria slowly and clearly. Google searches for the information and displays results.

Browser

Your phone is equipped with a full HTML Browser for accessing the internet.

▶ From the Home screen, select **Browser**.



Tip: For convenient browsing, you can rotate the phone to landscape mode.

Navigating the web

Command Keys

- Touch **Back** to return to the previous page.
- Touch and hold **Back** to display a list of recent pages.
- To go forward, touch **Menu** ➔ **Forward**.

Touching and dragging

- Touch and drag your finger on the screen to navigate pages, and to reposition pages within the screen.

Entering text in a field

- While browsing, touch a text field to display the virtual QWERTY keyboard to enter text.

Zoom

- Tap the screen twice to zoom in or out.

Selecting items on a page

While browsing, use gestures and menus to navigate:

- Touch an item to select it.
- Touch a hyperlink to follow the link.
- Touch and hold on a hyperlink for these options:
  - **Open**: Go to the linked page.
  - **Open in new window**: Open a new window to display the linked page.
  - **Bookmark link**: Add a bookmark to linked page (without loading it).
  - **Save link**: Save the linked page to Download history.
  - **Share link**: Send the link via Bluetooth, Email, Facebook, Gmail, Messaging, or Twidroyd.
  - **Copy link URL**: Save the link's URL to the clipboard.

Entering a URL

Access a website quickly by entering the URL.

1. From the Home screen, select **Browser**.
2. Touch the **URL** field at the top of the screen, then enter the URL using the virtual QWERTY keyboard.
3. As you enter characters, potential matches display. Continue entering characters, or touch a match to complete the URL.
4. Touch **Go** to load the page.

Using Browser Windows

You can have up to eight windows open at one time, switching between windows.

1. From the Home screen, select **Browser**.
2. To open a new window, touch **Menu** ➔ **New window**.
3. To switch to another open window, touch **Menu** ➔ **Windows**. Touch a window to display it.
4. To close a window, touch **Menu** ➔ **Windows**. Touch **Close** beside a window to close it.

Using Bookmarks

While browsing, bookmark a site to quickly access it later.

Creating a bookmark

1. From the Home screen, select **Browser**.
2. Browse to the desired website, then touch **Bookmarks** next to the **URL** field.
3. The new website is displayed as a thumbnail with the command **Add**. Touch the bookmark to add it.
4. At the **Add bookmark** prompt, confirm the Name and Location for the bookmark, then touch **OK** to save the bookmark.

Accessing bookmarks and history

Launch a bookmarked page, or reload recent pages.

1. From the Home screen, select **Browser**.
2. Touch **Bookmarks** next to the **URL** field.
3. On the **Bookmarks** tab, use these options:
   - Touch a bookmark to load the page.
   - Touch and hold on a bookmark for these options:
     - **Open**: Launch the bookmarked page.
     - **Open in new window**: Open the linked page in a new window.
     - **Edit bookmark**: Modify the URL.
     - **Add shortcut to Home**: Create a bookmark on the Home screen.
     - **Share link**: Send the link via Bluetooth, Email, Facebook, Gmail, Messaging, or Twidroyd.
     - **Copy link URL**: Save the link's URL to the clipboard.
     - **Delete bookmark**: Remove the bookmark.
     - **Set as homepage**: Assign the bookmarked link as the home page.
   - Touch **Menu** → **List view** to view bookmarks as a list.
4. On the **Most visited** tab, use these options:
   - Touch a page to reload it.
   - Touch the star next to a page to bookmark it.
   - Touch and hold on a page for these options:
     - **Open**: Launch the web page.
     - **Open in new window**: Launch the web page in a new window.
     - **Add bookmark/Remove from bookmarks**: Bookmark the page, or remove the bookmark for this page.
     - **Share link**: Send the page's URL via Bluetooth, Email, Facebook, Gmail, Messaging, or Twidroyd.
     - **Copy link URL**: Copy the page's URL to the clipboard for pasting.
     - **Remove from history**: Remove the record of this page.
     - **Set as homepage**: Set this page as the default first page when opening the Browser.
5. On the **History** tab, use these options:
   - Touch a page to load it.
   - Touch the star next to a page to bookmark it.
   - To clear the history, touch **Menu** → **Clear history**.
   - Touch and hold on a page for these options:
     - **Open**: Launch the web page.
     - **Open in new window**: Launch the web page in a new window.
     - **Add bookmark/Remove from bookmarks**: Bookmark the page, or remove the bookmark for this page.
     - **Share link**: Send the page's URL via Bluetooth, Email, Facebook, Gmail, Messaging, or Twidroyd.
     - **Copy link URL**: Copy the page's URL to the clipboard to paste in another location.
     - **Remove from history**: Remove the record of this page.
     - **Set as homepage**: Set this page as the default first page when opening the Browser.

Copying Fields or Text

Copy information from a web page to the clipboard for pasting.

Copying text

1. From the Home screen, select **Browser**.
2. Browse to the desired website.
3. Touch **Menu** → **More** → **Select text**.
4. On the web page, touch and drag over the text. When you lift your finger, the text is saved to the clipboard.
5. To paste the copied text, navigate to the desired field (or to another application), then touch and hold in a text field and touch **Paste**.

Copying a hyperlink or URL

1. From the Home screen, select **Browser**.
2. Browse to the desired website.
3. Touch and hold on the URL in the URL field, then choose an option from the pop-up menu:
   - **Share page**: Send the link via Bluetooth, Gmail, or Messaging.
   - **Copy page URL**: Save the link's URL to the clipboard.

Browser Menu

While viewing a web page, touch **Menu** for these options:

- **New window**: Open a new browser window. The previous browser windows remain open in the background (use the Windows option to switch between windows).
- **Bookmarks**: Create and manage bookmarks for favorite sites.
- **Windows**: Switch between windows, or open a new window.
- **Refresh**: Update the current page's content from the server.
- **Forward**: Move forward to a previously-viewed page.
- **More**:
  - **Add bookmark**: Create a bookmark for the current page.
  - **Find on page**: Search for content on the current page.
  - **Select text**: Enable the text selector. Returns you to the web page, where you can drag your finger over text to select it and copy it to the clipboard.
  - **Page info**: View information about the current page, including the URL.
  - **Share page**: Send the current page's URL via Bluetooth, Email, Facebook, Gmail, Messaging, or Twidroyd.
  - **Downloads**: View a list of downloads. While viewing downloads, touch **Menu** for access to **Clear list** and **Cancel all downloads** commands.
  - **Settings**: Customize the Browser (see Browser Settings).
  - **Brightness Setting**: Adjust the screen brightness, if the Brightness setting is not set to Automatic.

Browser Settings

1. From the Home screen, select **Browser**.
2. Touch **Menu** → **More** → **Settings**:
   - **Page content settings**
     - **Text size**: Choose a default size for web page content.
     - **Default zoom**: Choose a default zoom level for web pages.
     - **Open pages in overview**: When enabled, displays an overview of newly-opened pages.
     - **Text encoding**: Choose a default character set for web pages.
     - **Block pop-up windows**: When enabled, blocks pop-up windows.
     - **Load images**: When enabled, images are automatically loaded when you visit a page. When disabled, images are indicated by a link, which you can touch to download the picture.
     - **Auto-fit pages**: When enabled, the browser automatically sizes web pages to fit your phone's display.
     - **Landscape-only display**: When enabled, Browser displays all pages in the wider landscape orientation (rotate your phone counterclockwise to view pages in landscape mode).
     - **Enable JavaScript**: When enabled, Browser will automatically run JavaScript scripts on pages you visit.
     - **Enable plug-ins**: When enabled, Browser will automatically load and run plug-ins on pages you visit.
     - **Open in background**: When enabled, new windows open behind the current window.
     - **Set home page**: View and set the default first page that displays when you launch Browser.
   - **Privacy settings**
     - **Clear cache**: Delete content and databases stored on the phone.
     - **Clear history**: Delete the list of previously-visited pages.
     - **Accept cookies**: When enabled, allows Browser to save and read cookie information used by web pages.
     - **Clear all cookie data**: Delete cookie information saved to the phone.
     - **Remember form data**: When enabled, stores information you enter into forms to make future forms easier.
     - **Clear form data**: Deletes saved form information.
     - **Enable location**: When enabled, sites you visit can request access to your location.
     - **Clear location access**: Clear location access for all web sites.
   - **Security settings**
     - **Remember passwords**: When enabled, saves usernames and passwords for sites you visit, to make future visits easier.
     - **Clear passwords**: Clear all saved usernames and passwords.
     - **Show security warnings**: When enabled, Browser will warn you if there is a problem with a site's security.
   - **Advanced settings**
     - **Website settings**: View and manage settings for individual websites.
     - **Reset to default:** Clear all browser data and reset all settings to the factory defaults.

Maps

Use Bing Maps to find your current location, get directions, and other location-based information. The Bing Maps shortcut appears by default on the Home screen.

Note: You must enable location services to use Maps, and some features require Standalone or Google location services. For more information, see *"Location & security"* on page 136.

▶ From the Home screen, touch **Maps**.

Navigating the Map

Zooming

- Double-tap on the screen to zoom in.
- Touch Zoom in or Zoom out.

Scrolling

- Touch and drag on the screen to reposition the map in the display.

Touch

- Touch an icon on the map to display information about the location.

Maps Menu

1. From the Home screen, touch **Maps**.
2. While viewing a map, touch **Menu** for these options:
   - **Home**: Go to Bing Maps homepage.
   - **Directions**: Get driving, public transport, or walking directions.
   - **List view**: When search results are displayed, view the results in a list rather than icons on the map.
   - **Map type**: Choose Road, Satellite, Hybrid, or Traffic maps.
   - **Favorites**: View saved favorites. Touch a favorite to display it on the map.
   - **History**: View recent search criteria. Touch an item to search the criteria again.
   - **More**:
     - **Clear map**: Remove search results from the map.
     - **Full screen**: When enabled, displays the map at full-screen.
     - **Settings**: Configure the map. For more informtion, see *"Maps Settings"* on page 80.
     - **About**: View information about Bing Maps, including the Service Agreement and Privacy Policy, and provide Feedback.

Maps Settings

Configure Maps to your preferences.

1. From the Home screen, touch **Maps**.
2. While viewing a map, touch **Menu** ➔ **More** ➔ **Settings** for these settings:
   - **SafeSearch**: Set the sensitivity for filtering explicit images from your search results.
   - **Daily image**: When enabled, displays Bing Maps daily image when you go to the Bing Maps homepage.
   - **Search suggestions**: When enabled, displays possible matches as you enter search criteria. You can then touch a match to display results.
   - **Location**: When enabled, uses your location information to display search results that are close to you.
   - **Clear history**: Erase recent search criteria records.
   - **Restore defaults**: Reset map settings to the factory defaults.
   - **Reset**: Remove recent searches, favorites, locations and changes to Bing settings.

Facebook

Use the Facebook application to access Facebook, right from your phone.

1. From the Home screen, select **Applications** ➔ **Facebook**.
2. Enter your **Email** and **Password** to log in to Facebook.

Tip: Facebook is also available via the Facebook Android Widgets, for Facebook updates right on the Home screen. For information about displaying widgets on the Home screen, see *"Adding Widgets to the Home screen"* on page 25.

Twidroyd

Access your Twitter account from your phone.

- From the Home screen, touch **Applications** ➔ **Twidroyd**.

Tip: Twidroyd is also available via the Twidroyd Android Widgets, for Twitter updates right on the Home screen. For information about displaying widgets on the Home screen, see *"Adding Widgets to the Home screen"* on page 25.

MySpace

Access your MySpace account from your phone.

- From the Home screen, touch **Applications** ➔ **Myspace**.

Tip: MySpace is also available via the MySpace Android Widgets, for MySpace updates right on the Home screen. For information about displaying widgets on the Home screen, see *"Adding Widgets to the Home screen"* on page 25.

Music Player

Music Player plays songs from an installed memory card.

Playing Music

1. From the Home screen, select **Applications** ➔ **Music Player**.
2. Music Player scans your memory card and displays your songs on the **All**, **Playlists Albums**, **Artists**, or **Genres** tabs.
3. Touch a song or playlist to begin playback.

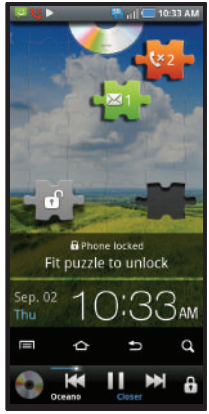
4. During playback, use the sound and playlist controls:
   - **Volume**: Touch to activate on-screen volume control, then touch and drag on the scale to set volume. You can also press the Volume Key on the side of the phone to adjust playback volume.
   - **Shuffle**: When enabled, songs play in random order. When disabled, songs play in the order they appear in List view.
   - **Repeat**: Touch to repeat the current song, repeat all songs, or disable repeat mode.
   - **List / Now Playing**: Touch **List** to switch to a list view of songs. Touch **Now Playing** to display the current song title and details.
   - **5.1 Channel Mode**: Touch to enable or disable 5.1 Channel Mode for stereo sound.
   - **Playback controls**:
     - Touch ▶▶| to advance to the next song. Touch and hold ▶▶| to scan forward through the current song.
     - Touch |◀◀ to go back to the previous song. Touch and hold ▶▶| to scan backward through the current song.
     - Touch ❚❚ to pause playback. Touch ▶ to resume playback.

Controlling Playback from the Ticker Display

When you're playing music in the background, playback controls appear in the Ticker Display, even when the phone is locked.

▶ To control playback from the Ticker Display, use the controls:

- Touch the disc to launch Music Player.
- Touch ▶▶| to advance to the next song. Touch and hold ▶▶| to scan forward through the current song.
- Touch |◀◀ to go back to the previous song. Touch and hold ▶▶| to scan backward through the current song.
- Touch ▌▌ to pause playback. Touch ▶ to resume playback.



Tip: If you have the Grip sensor activated, you can show the Ticker Display while the phone is locked, by gripping the sides of the phone near the Ticker Display. For more information, see *"Activate Grip sensor"* on page 133.

Creating a Playlist

1. From the Home screen, select **Applications** ➔ **Music Player** ➔ **Playlists**.
2. Touch **Menu** ➔ **Create**, then touch the name field to enter a name for the playlist.
3. Touch **Save** to save the new playlist.

Adding Songs to Playlists

Adding a single song to a playlist

1. From the Home screen, select **Applications** ➔ **Music Player**.
2. Touch and hold on a song, then choose **Add to playlist** from the pop-up menu.
3. Choose one of these options:
   - Touch a playlist to add the selected song to the playlist.
   - Touch **Create playlist** to create a new playlist and add the selected song to it.

Adding multiple songs to a playlist

1. From the Home screen, select **Applications** ➔ **Music Player**.
2. Touch **List** to display all songs.
3. Touch **Menu** ➔ **Add to playlist**.
4. Touch songs to select them, or touch **Select all**. When selected, a checkmark appears in the checkbox.
5. Touch **Add** , then select a playlist, or touch **Create playlist** to create a new playlist.

Setting a Song as a Ringtone

You can set a song as a ringtone for all voice calls, for calls from an individual contact, or as an alarm tone.

1. From the Home screen, select **Applications** ➔ **Music Player**.
2. Touch and hold on a song, then touch **Set as** and choose from these options:
   - **Voice call ringtone**: Set the song as the default ringtone for all incoming voice calls.
   - **Caller ringtone**: Choose a contact to set the song as the ringtone for calls from the contact.
   - **Alarm tone**: Set the song as the alarm ringtone for a new alarm, or for an existing alarm.

Manage and Transfer Media

The Samsung Continuum is compatible with V CAST™ Media Manager. The desktop application, offered free by Verizon Wireless, allows you to transfer photos, music and videos between phone and computer. Once the desktop application is installed, simply connect your phone and computer with a USB cable, and V CAST Media Manager makes it easier than ever to transfer, play and manager you media. The application also includes a media player and an array of intuitive features to help you manage and enjoy your media.

To get started, visit www.verizonwireless.com/vmm.

V CAST Tones

Preview, download and purchase ringtones and ringback tones.

Note: Airtime or download charges may apply for using V CAST Tones.

1. From the Home screen, select **Applications** ➔ **V CAST Tones**.
2. The first time you start V CAST Tones, you'll be prompted to subscribe to the service. Follow the prompts to install and use V CAST Tones.

V CAST Music with Rhapsody

(Subscription, Wireless and PC Downloads)

V CAST Music with Rhapsody® is a digital music service that lets you listen to millions of songs from thousands of artists. Discover new and old favorites in an extensive music catalog. Download V CAST Music with Rhapsody to your PC to sync tracks, albums, and playlists to your new phone, while managing your existing PC music library, all in one place.

V CAST Music with Rhapsody is compatible with Windows 7, Vista or XP Service Pack 2, with the latest Windows updates and the latest Windows Media Player. MAC OS and Linux are not supported.

For complete system requirements, and to download V CAST Music with Rhapsody for free, visit www.verizonwireless.com/music.

▶ From the Home screen, select **Applications** ➔ **V CAST Music with Rhapsody**.

Note: The first time you launch VCAST Music with Rhapsody, you must agree to the Terms and Conditions. Per-song charges apply.

Downloading music to your phone

1. From the Home screen, select **Applications** ➔ **V CAST Music with Rhapsody**.
2. Browse for songs using the onscreen buttons and prompts.
3. Touch the song you want to download, and use these options:
   - Touch **Preview** to hear a 20 second preview of the song.
   - Touch **Buy** to buy the song. At the **CONFIRM PURCHASE** prompt, touch **Buy This Song** to accept the terms.
   - Touch **Download Now** to download the song now, or **Download Later** to download at a later time.

Tip: If you choose Download Later, you can continue choosing music and download all purchased tracks at one time by touching the Download button on the V CAST Music with Rhapsody home screen.

4. At the prompt, touch **Memory Card** to save the song and the download starts.

Download Music to your PC

When you purchase music with your wireless device, you can also download a copy to your PC using the V CAST with Rhapsody software.

1. On your PC, launch **V CAST Music with Rhapsody**.
2. Log in. After logging in, locate and download music files.
   - Downloading a PC copy:
     - Available tracks will pop up upon log-in.
     - Check the boxes of songs to download.
     - Select Download Tracks.
   - Purchasing music:
     - Browse the catalog and select tracks or albums to purchase.
     - Re-enter your password.
     - Confirm the purchase and the download will begin shortly.
   - Adding subscription music (requires V CAST Music with Rhapsody subscription):
     - Review subscription offerings.
     - Drag and drop tracks to My Library, or click the Add button next to the song.

Sync music from your PC to your phone

Use V CAST Music with Rhapsody on your PC to transfer music to your phone.

3. Attach your phone to the PC with a USB cable. Your phone recognizes the connection and displays **USB connected** in the Annunciator Line and Notifications Panel.
4. Pull down the Notification Panel, then touch **USB connected**. At the prompt, touch **Mount** to connect your phone to the PC to copy files.
5. At the prompt on the PC, select **Manage the device using Rhapsody**.

Import Songs from an Audio CD

Use V CAST Music with Rhapsody on your PC to organize tracks from your CDs. You can then transfer these tracks to your phone.

1. On your PC, launch **V CAST Music with Rhapsody**.
2. Insert an audio CD into the CD-ROM drive.
3. The tracks on the CD display in the window. Select tracks for import by clicking the check boxes.
4. Click on the **Import CD** button to import your selections.

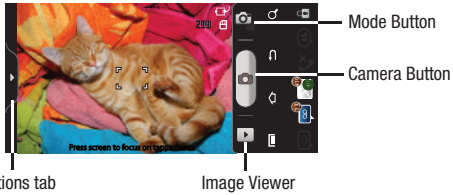
Camera

Use your phone's built-in Camera to take pictures and record video.

▶ From the Home screen, touch **Applications** → **Camera**.

– or –

From the Home screen, press and hold the **Camera Key**.



Important!: Do not take take photos of people without their permission. Do not take photos in places where cameras are not allowed. Do not take photos in places where you may interfere with another person's privacy.

Taking Pictures

1. From the Home screen, press and hold the **Camera Key**.
2. Using the display as a viewfinder, compose your picture by aiming the lens at the subject.
   - Touch the screen to focus on the area you touched.
   - Press the **Volume Key** to zoom in or out.
   - To configure settings, see *"Camera Options"* on page 89.
3. To take the picture, touch the **Camera** button on the screen, or press the **Camera Key**.
4. After taking a picture, touch **Image Viewer** to view the picture. While viewing the picture, use these options:
   - Touch the zoom icons to zoom incrementally, or double-tap on the picture to zoom all the way in or out.
   - Touch **Delete** to erase the picture.
   - Touch **Share** to send the picture via **AllShare**, **Bluetooth**, **Email**, **Facebook**, **Gmail**, **Messaging**, **MySpace**, **Picasa**, or **Twidroyd**.
   - Touch **Set as** to assign the picture as **Contact icon** or **Wallpaper**.
   - Touch **Back** to return to the Camera to take more pictures.

Tip: Touch the picture to show or hide Image Viewer options.

Camera Options

Configure the camera.

▶ While in Camera mode, touch the **Options** tab to configure:

- **Shooting mode**: Choose an automatic shooting mode, from:
  - **Single shot**: Take a single photo.
  - **Smile shot**: Touch the Camera button to automatically focus on the subject's face and take the picture.
  - **Panorama shot**: Touch the Camera button to take a picture, then use the on-screen guideline to move the viewfinder and take the next 7 shots automatically.
  - **Beauty**: Adjusts the contrast automatically to smooth facial features.
  - **Continuous**: Touch and hold the Camera button to take 9 consecutive pictures.
  - **Vintage**: Add a vintage effect to photos.
  - **Add me**: Take one picture, then use the on-screen guideline to compose and take a second picture, to combine into one.
  - **Cartoon**: Apply a cartoon effect to pictures.
  - **Action shot**: Detects action to automatically take multiple pictures to create a panorama.
- **Flash**: Choose Off, On, or Auto flash.
- **Exposure value**: Choose a value to set the brightness of the picture.
- **Settings → Camera**
  - **Focus mode**: Choose a type of automatic focus.
  - **Scene mode**: Choose a mode to match conditions.
  - **Timer**: Set a delay before taking a picture.
  - **Resolution**: Choose a size for the image.
  - **White balance**: Choose a setting for the light source.
  - **Effects**: Apply an effect to pictures.
  - **ISO**: Choose a setting for imaging sensitivity.
  - **Metering**: Select a method for measuring light.
  - **Anti-Shake**: Enable Anti-Shake to minimize camera.
  - **Auto contrast**: Allow automatic light/dark adjustment.
  - **Blink detection**: Detect a subject's blinks and adjust the timing of the picture capture to avoid closed eyes in the shot.
  - **Image quality**: Choose a quality setting for photos.
  - **Adjust**: Set Contrast, Saturation, and Sharpness.
- **Settings → Settings**
  - **Guidelines**: Enable or disable an on-screen grid to aid in photo composition.
  - **Review**: Enable or disable the instant review feature, to display images immediately after capture.
  - **Shutter sound**: Select a tone to play when the camera's shutter opens and closes.
  - **Reset**: Set all Camera settings to the defaults.

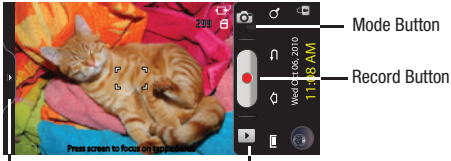
Camcorder

Use your phone's built-in Camcorder to record high-definition video in 720p resolution.

- From the Home screen, touch **Applications** → **Camera** → **Mode**.

  – or –

  From the Home screen, press and hold the **Camera Key**, then touch **Mode**.



Important!: Do not take take videos of people without their permission. Do not take videos in places where cameras are not allowed. Do not take videos in places where you may interfere with another person's privacy.

Capturing Video

1. From the Home screen, press and hold the Camera Key, then touch **Mode**.
2. Using the display as a viewfinder, compose your shot by aiming the lens at the subject.
   - Press the **Volume Key** to zoom in or out.
   - To configure settings, see *"Camcorder Options"* on page 91.
3. To start recording, touch the **Record** button on the screen, or press the **Camera Key**. During recording, the button changes to **Pause**; touch **Pause** to temporarily stop recording. To resume recording, touch **Record** again.
4. To stop recording, touch the **Stop** button on the screen, or press the Camera Key.
5. After recording, touch **Image Viewer** to view the video. While viewing the video, use these options:
   - Double-tap on the video to zoom all the way in or out.
   - Touch **Share** to send the video via **AllShare**, **Bluetooth**, **Email**, **Gmail**, **Messaging**, **Twidroyd** or **YouTube**.
   - Touch **Play** to review the video.
   - Touch **Delete** to erase the video.
   - Touch **Back** to return to the Camcorder.

Tip: Touch the picture to show or hide Image Viewer options.

Camcorder Options

Configure the camcorder.

▶ While in Camcorder mode, touch the **Options** tab:

- **Recording mode**: Choose a recording mode, from:
  - **Normal**: Record a video of any length.
  - **Limit for MMS**: Record a video up to 1 minute long, suitable for sending in a Video message.
- **Flash**: Choose Off or On.
- **Exposure value**: Choose a value to set the brightness.
- **Settings** → **Camcorder**:
  - **Timer**: Set a delay before starting recording.
  - **Resolution**: Choose a size for the recording.
  - **White balance**: Choose a setting for the light source.
  - **Effects**: Apply an effect to videos.
  - **Video quality**: Choose a quality setting for videos.
  - **Adjust**: Set Contrast, Saturation, and Sharpness.
- **Settings** → **Settings**
  - **Guidelines**: Enable to display a grid to aid in video composition.
  - **Audio recording**: Enable to record sound along with video.
  - **Review**: Enable or disable the instant review feature, to display videos immediately after recording.
  - **Reset**: Set all Camcorder settings to the defaults

V CAST Videos

V CAST Videos™ is your link to video on demand, to view or download video clips that contain breaking news, sports highlights, weather and more.

▶ From the Home screen, select **Applications** → **V CAST Videos**.

Tip: Rotate the phone counterclockwise for optimal viewing.

Browsing, Selecting and Playing Video Clips

1. From the Home screen, select **Applications** → **V CAST Videos**.
2. Touch the video category of your choice, then tap selections to access video titles.
3. Touch a video title to play the video clip.
4. Touch **Menu** for these options:
   - **Back**: Return to the previous screen.
   - **Search**: Enter criteria to search for videos.
   - **Manage Subscription**: Add or remove premium subscriptions.
   - **My Videos**: Launch Video Player to view and manage videos downloaded and saved to your device.
   - **About**: View information about the V CAST Videos application.

Video Player

Your phone's 3.4-inch 800x480 Super AMOLED screen plays HD videos up to 720p, supporting H.263, H.264, MPEG4, 3GP, 3G2 (v9), Xvid and DivX formats.

Use Video Player to view and manage videos stored on an installed memory card, or shop for new videos.

1. From the Home screen, touch **Applications** → **Video Player**.
2. By default, videos display by name. While viewing the list of videos, touch **Menu** for these options:
   - **Remove**: Touch videos to select them for deletion, or touch Select all to delete all videos.
   - **List by**: Display the list of videos by Name (default), Size, Date, or Type.
   - **Shop**: Launch V CAST Videos to purchase videos.
3. Touch a video to play it. While playing a video, touch the screen to display or hide on-screen Forward, Pause, Backward playback controls.
4. While playing a video touch **Menu** for these options:
   - **Share video**: Send the video via **Twidroyd**, **Messaging**, **AllShare**, **YouTube**, **Corporate Email**, **Bluetooth**, **Email**, or **Gmail**.
   - **Shop**: Launch V CAST Videos to purchase videos.
   - **Add bookmark**: Place a marker in the video, to view later.
   - **Bookmarks**: Display markers from the video.
   - **Via Bluetooth**: Send the video via Bluetooth.
   - **More**:
     - **Details**: View information about the video.
     - **Settings**: Choose Repeat and Brightness settings.

Gallery

Your phone's 3.4-inch 800x480 Super AMOLED screen provides high-resolution display of:

- Pictures, including JPEG, PNG, GIF, A-GIF, WBMP and BMP formats.
- HD videos up to 720p, including H.263, H.264, MPEG4, 3GP, 3G2 (v9), Xvid and DivX formats.

Use Gallery to view, capture, and manage pictures and videos.

Note: You must have an optional memory card installed in your phone to take pictures or capture video. For more information, see *"Memory Card"* on page 12.

▶ From the Home screen, select **Applications** ➔ **Gallery**.

Viewing Videos

1. From the Home screen, select **Applications** ➔ **Gallery**.
2. Touch a category, then touch a video to play it.
3. While viewing a video, touch **Menu** for these options:
   - **Shop**: Launch V CAST Videos to purchase videos.
   - **Via Bluetooth:** Send the video via Bluetooth.
   - **Details**: View information about the video.

Viewing Pictures

1. From the Home screen, select **Applications** ➔ **Gallery**.
2. Touch a category, then touch a picture to view it.
3. While viewing a picture, touch the picture to display these options:
   - Touch **Slideshow** to view a slideshow of pictures from the category.
   - Touch **Menu** for options:
     - **Share**: Share the selected picture via **Twidroyd**, **MySpace**, **AllShare**, **Picasa**, **Bluetooth**, **Facebook**, **Messaging**, **Email** or **Gmail**.
     - **Delete**: Erase the picture.
     - **More**: Display **Details** about the picture, **Set as** a Contact icon, or as Wallpaper, **Crop** the picture. **Rotate left, or Rotate right**.

Sharing pictures and video

Share pictures and videos via Twidroyd, MySpace (pictures only), Messaging, AllShare, Picasa (pictures only), Corporate Email, Bluetooth, Facebook (pictures only), Email, Gmail, or YouTube (videos only).

1. From the Home screen, select **Applications** ➔ **Gallery**.
2. Touch a category to display thumbnails, then select items for sharing:
   - To select an entire category, touch **Menu** while viewing categories, then touch the category to select all pictures in the category.
   - To select multiple pictures or videos from a category, touch **Menu** while viewing the thumbnails. Touch thumbnails to mark them for sharing, then touch **Share**.
3. Touch a sharing option, then follow the prompts.

Setting a Picture as a Contact Icon

1. From the Home screen, select **Applications** ➔ **Gallery**.
2. Touch a category, then touch a picture to select it.
3. Touch **Menu** ➔ **More** ➔ **Set as** ➔ **Contact icon**.
4. Select a contact, or create a new contact, with the selected picture as the contact's icon.

Setting a Picture as Wallpaper

1. From the Home screen, select **Applications** ➔ **Gallery**.
2. Touch a category, then touch a picture to select it.
3. Touch **Menu** ➔ **More** ➔ **Set as** ➔ **Wallpaper**.
4. Use the crop tool to edit the picture, then touch **Save** to set the edited picture as the Home screen wallpaper.

Section 10: Connections

Your phone includes features to connect to the internet and to other devices, via Wi-Fi, Bluetooth, VPN and Dial Up Networking.

Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks. Use your phone's Wi-Fi feature to:

- Access the internet for browsing, or to send or receive email.
- Access your corporate network.
- Use hotspots provided by hotels or airports while traveling.

Wi-Fi communication requires access to an existing Wireless Access Point (WAP). WAPs can be Open (unsecured, as with many hotspots), or Secured (requiring you to provide login credentials). Your phone supports the 802.11 b/g/n Wi-Fi protocol.

Configuring Wi-Fi Settings

For more information about configuring your phone's Wi-Fi settings, see *"Wi-Fi settings"* on page 122.

Turning Wi-Fi On or Off

Turn your phone's Wi-Fi service on or off. When you turn Wi-Fi service on, your phone automatically searches for available, in-range WAPs (Wireless Access Points).

Turning Wi-Fi On

1. From the Home screen, sweep your finger downward to display the Notification Panel.
2. Touch **Wi-Fi** to turn Wi-Fi On.

Turning Wi-Fi Off

1. From the Home screen, sweep your finger downward to display the Notification Panel.
2. Touch **Wi-Fi** to turn Wi-Fi Off.

Scanning and Connecting to a Wi-Fi Network

When you turn on Wi-Fi, your phone searches for available Wi-Fi connections, then displays them on screen.

1. From the Home screen, sweep your finger downward to display the Notification Panel.
2. Touch **Wi-Fi** to turn Wi-Fi On.
3. When your phone completes a scan, touch a Wi-Fi network to connect. If the Wi-Fi network is open, you will be automatically connected. If the Wi-Fi network is secured, enter the password at the prompt to connect.

Adding a Wi-Fi Network Manually

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks** ➔ **Wi-Fi settings**.
2. Touch **Wi-Fi** to turn Wi-Fi On.
3. Touch **Add Network**, then enter information about the network:
   - **Network Name (SSID)**: Enter the name of the Wi-Fi Wireless Access Point.
   - **Security**: Select the type of security used by the WAP.
   - **Password** or **Key**: If the WAP is secured, enter the password or hex key.
4. Touch **Connect** to connect to the network, or **Save** to save the settings.

3G Mobile Hotspot

Use 3G Mobile Hotspot to share your phone's 3G internet connection with a PC or other device through Wi-Fi, using your phone as the mobile hotspot.

Note: 3G Mobile Hotspot consumes battery power and uses data service.

To use 3G Mobile Hotspot, you need the 3G Mobile Hotspot feature from Verizon Wireless. There is a monthly charge for the Mobile Hotspot feature, and all data used by connected devices will apply to the customer's data allowance. Contact Verizon Wireless for more information.

Configuring 3G Mobile Hotspot Settings

Configure your phone's 3G Mobile Hotspot settings, including your phone's name and password, and set the visibility of your phone's Wi-Fi hotspot.

For more information, see *"Mobile hotspot settings"* on page 123.

Activating 3G Mobile Hotspot

Activate your phone's 3G Mobile Hotspot application to allow other devices to use your phone's 3G internet connection.

1. From the Home screen, select **Applications** ➔ **3G Mobile Hotspot**.
2. Touch the check box to the right of **Mobile Hotspot** to turn on the 3G Mobile Hotspot application. Read the information about 3G Mobile Hotspot, then touch **Continue** to proceed.
3. 3G Mobile Hotspot consumes battery power. Read the information about battery usage, then touch **Turn on Mobile Hotspot** to proceed.
4. Your phone establishes a connection to the network for the mobile hotspot.
5. Activate Wi-Fi on your PC or other device, then follow the prompts on your phone and device to connect.

Tip: Your phone's default password is your phone number. For more information, see *"Mobile hotspot settings"* on page 123.

6. When you are finished using Mobile hotspot, touch the check box to the right of **Mobile Hotspot** to turn the service off.

Connecting a Device via 3G Mobile Hotspot

Use the other device's Wi-Fi control to connect to your phone's 3G Mobile Hotspot.

1. Activate 3G Mobile Hotspot on your phone. For more information, see *"Activating 3G Mobile Hotspot"* on page 98.
2. Activate Wi-Fi on the device, using the device's Wi-Fi control.
3. Scan for Wi-Fi hotspots, and select your phone from the list. To find your phone's name, see *"Mobile hotspot settings"* on page 123.
4. At the prompt, enter your phone's 3G Mobile Hotspot password. By default, the password is your phone's telephone number. For more information, see *"Mobile hotspot settings"* on page 123.

Bluetooth

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet.

You don't need to line up the devices to send information with Bluetooth. If the devices are in range, you can exchange information between them, even if they are in different rooms.

Configuring Bluetooth Settings

Configure your phone's Bluetooth settings. For more information, see *"Bluetooth settings"* on page 126.

Turning Bluetooth On or Off

Turning Bluetooth On

1. From the Home screen, sweep your finger downward to display the Notification Panel.
2. Touch **Bluetooth** to turn Bluetooth on.

Turning Bluetooth Off

1. From the Home screen, sweep your finger downward to display the Notification Panel.
2. Touch **Bluetooth** to turn Bluetooth off.

Pairing with a Bluetooth Device

Search for a Bluetooth device and pair with it, to exchange information between your phone and the device.

Tip: After pairing, your phone and the target device will recognize each other and exchange information without having to enter a passcode or PIN.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks**.
2. Touch **Bluetooth** to turn on Bluetooth.
3. Activate the target device's discoverable mode.
4. Touch **Bluetooth settings** ➔ **Scan devices**.
5. From the list of scanned devices, touch the target device, then follow the prompts to complete the pairing:
   - If the target device requires a PIN, enter a PIN for the target device and touch OK. When prompted, enter the PIN on the target device.
   - If the device allows automatic or smart pairing, your phone will attempt to pair with the phone automatically. Follow the prompts on your phone and the target device to complete the pairing.

Note: When paired, the **Bluetooth Paired** icon displays in the Annunciator Line.

VPN

You can use your phone's VPN (Virtual Private Network) feature to connect to VPNs.

Configuring VPN Settings

Configure your phone's VPN settings. For more information, see *"VPN settings"* on page 127.

Adding a VPN

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks** ➔ **VPN settings**.
2. Touch **Add VPN** to set up a connection to a VPN, using the following settings:
   - **Add PPTP VPN**: Set up a connection to a VPN with Point-to-Point tunneling protocol.
   - **Add L2TP VPN**: Set up a connection to a VPN with Layer 2 tunneling protocol.
   - **Add L2TP/IPSec PSK VPN**: Set up a connection to a VPN with pre-shared key-based Layer 2/IPsec tunneling protocol.
   - **Add L2TP/IPSec CRT VPN**: Set up a connection to a VPN with Certificate-based Layer 2/IPsec tunneling protocol.

Dial Up Networking

You can use Dial Up Networking to allow your phone to act as a modem to access the internet with other devices.

Enabling Dial Up Networking

1. From the Home screen, touch **Menu** → **Settings** → **Wireless & networks.**
2. Touch **Dial up networking** to enable or disable dial-up networking. When enabled, a check appears in the checkbox.

Memory Card

Your phone supports removable microSD™ or microSDHC™ memory cards of up to 32GB capacity, for storage of music, pictures, videos, and other files.

Installing and Removing a Memory Card

For more information about installing and removing a memory card, see *"Memory Card"* on page 12.

Important!: To prevent damage to information stored on the memory card, unmount the card before removing it from the phone.

Formatting a Memory Card

Formatting erases all content from the memory card and prepares it for use with your phone.

Formatting a Memory Card using Your Phone

1. From the Home screen, touch **Menu** → **Settings** → **SD card & phone storage**
2. Touch **Unmount SD card**.
3. After unmounting the SD card, touch **Format SD card**.
4. Follow the prompts to confirm the formatting of the card.

Formatting a Memory Card using Your Computer

For best playback of songs stored on a microSD™ or microSDHC™ memory card, use the PC file system FAT32. Consult your computer and/or memory card reader documentation for information about formatting memory cards.

Transferring Files to a Memory Card

Transferring files using the Media Player USB setting

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **USB Settings** ➔ **Media player**.
2. Attach your phone to the computer with a USB cable. Your phone recognizes the connection and displays **Media sync: connected** in the Annunciator Line and Notifications Panel.
3. Transfer files to the memory card. When finished, you can disconnect the USB cable.

Transferring files using the Mass Storage USB setting

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **USB Settings** ➔ **Mass Storage**.
2. Attach your phone to the computer with a USB cable. Your phone recognizes the connection and displays **USB connected** in the Annunciator Line and Notifications Panel.
3. Display the **Notifications Panel**, then touch **USB connected**. At the prompt, touch **Mount** to enable copying of files between your computer and the memory card.
4. At the prompt on the computer, select a transfer method:
   - Open device to view files using Windows Explorer. Drag and drop files from the PC to the memory card installed in your phone.
   - Manage the device using Rhapsody. For more information, see *"V CAST Music with Rhapsody"* on page 85.
5. Transfer music files to the memory card. When finished, you can disconnect the USB cable.

3G Mobile Hotspot

Use 3G Mobile Hotspot to share your phone's mobile internet connection with a PC through Wi-Fi, using your phone as the mobile hotspot. For more information, see *"3G Mobile Hotspot"* on page 98.

▶ From the Home screen, touch **Applications** ➔ **3G Mobile Hotspot**.

Android Market

Browse for new Android applications, games or downloads for your phone. You'll need to have a Google account set up on your phone to download a new application.

1. From the Home screen, select **Applications** ➔ **Market**.
2. The first time you open Market, read the Terms of Service, then touch **Accept** to continue.
3. Browse for items to install or upgrade downloads:
   - **Apps**: New applications.
   - **Games**: New games.
   - **Verizon**: Display V CAST applications available for download.

AllShare

Use AllShare to share multimedia content from your phone via Wi-Fi with DLNA (Digital Living Network Alliance) certified devices. With AllShare, you can:

- Play multimedia content from your phone on another player, such as a Wi-Fi-capable TV or other playback device, and use your phone as a remote to control playback.
- Play multimedia content from another source, such as a wireless media server, on your phone.
- Play multimedia content from another source, such as a wireless media server, on another device, using your phone's Wi-Fi service. Your phone retrieves content from the source and delivers it to another device via Wi-Fi, and acts as a remote to control playback.

Note: AllShare uses your phone's Wi-Fi services. For more information about activating Wi-Fi, see *"Wi-Fi"* on page 96.

Configuring AllShare

Configure AllShare settings to identify your phone as a server, connect to Wi-Fi, and set treatment of copied files.

1. From the Home screen, touch **Applications** ➔ **AllShare**.
2. Touch **Settings** to configure these settings:
   - **Media server name**: Enter a name for the media server, if desired (the default is your phone's default name), then touch **Save**.
   - **Share media**: Choose types of media for sharing, from **Share image**, **Share video**, and **Share sound**, then touch **OK**.
   - **Access point network**: Turn on your Wi-Fi service and connect to an available Wi-Fi Access Point.
   - **Copy from other devices**: Set your phone's treatment of files copied from other devices. Choose from **Always accept**, **Always ask**, or **Always reject**, then touch **OK**.

Sharing Media from your Phone to Another Device

Play multimedia content from your phone on another player, such as a Wi-Fi-capable TV or other playback device, and use your phone as a remote to control playback.

1. From the Home screen, touch **Applications** ➔ **AllShare**.
2. Choose **Play or download media from my phone on a player**.
3. Choose **Videos**, **Songs/Sounds** or **Images** from an installed memory card, then touch files to mark them for sharing.
4. Choose an option:
   - **Add to playlist**: Create a playlist for playback on the device.
   - **Copy**: Choose files to copy to the device.
5. Choose a destination device from the list of visible devices to start playback or copying.

Sharing Media From Another Source on Your Phone

Play multimedia content from another source, such as a wireless media server, on your phone.

1. From the Home screen, touch **Applications** ➔ **AllShare**.
2. Choose **Play or download media from a server on my phone**.
3. Choose a source from the list of visible servers, then follow the prompts to select media for playback or copying.

Sharing Media From a Server on a Player via Your Phone

Play multimedia content from another source, such as a wireless media server, on another device, using your phone's Wi-Fi service. Your phone retrieves content from the source and delivers it to the device via Wi-Fi, and acts as a remote control.

1. From the Home screen, touch **Applications** ➔ **AllShare**.
2. Choose **Play media from a server on a player, controlled by my phone**.
3. Choose a source from the list of visible servers, then follow the prompts to select media for playing.
4. Select a player device from the list of searched devices, then follow the prompts to start playback or copying.

Bing

Bing Search is a powerful search tool for locating web content via your phone, tailored for your current location. For more information, see *"Bing"* on page 73.

Note: Bing requires that you enable location services settings to determine your location for searches. For more information, see *"My Location"* on page 136.

- From the Home screen, touch **Applications** ➔ **Bing**.

Blockbuster

Browse and search the entire mobile catalog of Blockbuster On Demand titles, plus access other Blockbuster content.

- From the Home screen, touch **Applications** ➔ **Blockbuster**.

Browser

Your phone includes a full HTML Browser, to access the internet. For more information about using Browser, see *"Browser"* on page 74.

- From the Home screen, select **Applications** ➔ **Browser**.

Buddies Now

The Buddies Now widget is a quick way to create shortcuts to your favorite contacts, to make comments to your social networking sites, message, or call your contacts with one touch. For more information, see *"Buddies Now"* on page 55.

- From the Home screen, select **Applications** ➔ **Buddies Now**.

Tip: Buddies Now is also available as a Samsung Widget, to display information right on the Home screen. For information about displaying widgets on the Home screen, see *"Adding Widgets to the Home screen"* on page 25.

Calculator

Use your phone's Calculator to perform mathmatical calculations.

- From the Home screen, select **Applications** ➔ **Calculator**.

Calendar

Record events and appointments to manage your schedule.

1. From the Home screen, select **Applications** ➔ **Calendar**.
2. Touch a tab to choose a calendar view:
   - **Month**: Display the current month, and scroll to other months.
   - **Week**: Display the current week, and scroll to other weeks.
   - **Day**: Display today's schedule, and scroll to other days.
   - **List**: Display events in a chronological list.
3. Touch **Menu** for these options:
   - **Create**: Add a new event to the calendar.
   - **Go to**: Display a specific date.
   - **Today**: Display today's events.
   - **Delete**: Delete an event.
   - **Settings**: Customize the calendar.

Customizing the Calendar

1. From the Home screen, select **Applications** ➔ **Calendar**.
2. Touch **Menu** ➔ **Settings** to configure these settings:
   - **Calendars**: View all your calendars.
   - **Calendar sync**: Synchronize calendars from multiple accounts.
   - **Default view**: Set the default view when Calendar opens.
   - **Day views**: Choose a view for a day's events.
   - **First day of week**: Choose a day to begin each week.
   - **Hide declined events**: Enable or disable display of events.

Sending Events via Bluetooth

Send events as vCalendar files to other Bluetooth devices.

1. From the Home screen, select **Applications** ➔ **Calendar**.
2. Touch an event to display its details.
3. Touch **Menu** ➔ **Send via**.
4. Follow the prompts to select a paired device, or pair with a new device. For more information, see *"Pairing with a Bluetooth Device"* on page 100.

Camera

Take pictures and record video with your phone's built in Camera. For more information, see *"Camera"* on page 88.

- From the Home screen, touch **Applications** ➔ **Camera**.

Car Cradle

The Car Cradle application puts mobility features right at your fingertips, to allow one-touch access to maps, search, and navigation features while connected to an optional car cradle.

- From the Home screen, touch **Applications** ➔ **Car Cradle**.

City ID

Subscribe to City ID to display city and state for incoming calls, and to look up city and state information for phone numbers.

- From the Home screen, select **Applications** ➔ **City ID**.

Clock

The Clock application includes these features:

- **Alarm**: Create alarms to go off once, or to repeat on specific days.
- **World clock**: Display the time and date in any time zone.
- **Stopwatch**: Record lap times.
- **Timer**: Measure elapsed time.

▶ From the Home screen, touch **Applications** ➔ **Clock**.

Corporate Email

Send and receive email from your corporate Exchange account. For more information, see *"Corporate Email"* on page 69.

▶ From the Home screen, touch **Applications** ➔ **Corporate Email**.

Daily Briefing

Monitor the weather, financial information, news, and your schedule, in one convenient application.

▶ From the Home screen, touch **Applications** ➔ **Daily Briefing**.

Tip: The Daily Briefing widget is available by default on the Home screen, and is available as a Samsung Widget. For information about displaying widgets on the Home screen, see *"Adding Widgets to the Home screen"* on page 25.

Desk Cradle

The Desk Cradle application puts popular features right at your fingertips, to allow one-touch access to Alarms, Voice Search, Gallery, Daily Briefing and Music features of your phone while connected to an optional desk cradle.

▶ From the Home screen, touch **Applications** ➔ **Desk Cradle**.

Email

Send and receive email using popular email services. For more information, see *"Email"* on page 66.

▶ From the Home screen, select **Applications** ➔ **Email**.

Facebook

Use the Facebook application to access Facebook, right from your phone.

▶ From the Home screen, select **Applications** ➔ **Facebook**.

Tip: Facebook is also available via the Facebook Android Widget, to access Facebook from the Home screen. For information about displaying widgets on the Home screen, see *"Adding Widgets to the Home screen"* on page 25.

Feeds and Updates

The Feeds and Updates widget displays feeds from your Facebook, MySpace, and Twitter accounts, and allows you to post an update to your accounts, right from the Home screen. For more information, see *"Feeds and Updates"* on page 45.

Tip: The Feeds and Updates widget is available by default on the Home screen, or is available in the Samsung Widgets. For more information about placing widgets on the Home screen, see *"Adding Widgets to the Home screen"* on page 25.

Gallery

Use Gallery to view, capture, and manage pictures and videos. For more information, For more information, refer to *"Gallery"* on page 93.

- From the Home screen, select **Applications** ➔ **Gallery**.

Gmail

Send and receive emails via Gmail, Google's web-based email. For more information, see *"Gmail"* on page 64.

- From the Home screen, select **Applications** ➔ **Gmail**.

IM

Use IM to view and manage all your instant messaging accounts in one application.

- From the Home screen, select **Applications** ➔ **IM**.

Kindle

Use the Amazon Kindle™ application to download books for reading, right on your phone.

Note: You must be registered with Amazon to use the Kindle application.

- From the Home screen, touch **Applications** ➔ **Kindle**.

Memo

Create and manage text memos, and send memos via Bluetooth to paired Bluetooth devices.

- From the Home screen, touch **Applications** ➔ **Memo**.

Note: You can send a memo via Bluetooth. After saving a memo, touch and hold on the Memo to launch Bluetooth. For more information, see *"Bluetooth"* on page 99.

Mini Diary

Use Mini Diary to record daily happenings.

Note: Mini Diary includes weather information for your location. Sending location details to get weather information will require connection to the network, and may incur charges.

1. From the Home screen, touch **Applications** ➔ **Mini Diary**.
2. Touch **Tap to add photo** to add a photo, then touch Images to choose a picture from Gallery, or touch Camera to take a new picture.
3. Touch **Tap to create memo** to enter a text memo.
4. Touch the weather icon in the upper left corner and select a weather condition from the list, or touch AccuWeather.com to check the latest weather data.
5. Touch **Save** to save your diary entry.

Tip: Mini Diary is also available via the Days Samsung Widget, to display diary entries right on the Home screen. For information about displaying widgets on the Home screen, see *"Adding Widgets to the Home screen"* on page 25.

Publishing a Diary Entry

You can publish your diary entries to Facebook or MySpace.

1. From the Home screen, touch **Applications** ➔ **Mini Diary**.
2. Touch a diary entry to display it, then touch **Menu** ➔ **Publish**.
3. Choose **Facebook** or **MySpace**, then follow the prompts to update your status.

Music Player

Play music files from an installed memory card. For more information, see *"Music Player"* on page 82.

- From the Home screen, select **Applications** ➔ **Music Player**.

My Files

Find, view and manage files stored on an installed memory card. If the file is associated with an application on your phone, you can launch the file in the application.

1. From the Home screen, touch **Applications** ➔ **My Files**.
2. Tap a folder and scroll down or up until you locate a file.
3. Touch a file to launch it in the associated application (if the file is associated with an application).
4. While browsing files, use these controls:
   - Touch **Up** to go back up to a higher directory.
   - Touch **Home** to go back to the root directory.
   - Touch **Menu** for these options:
     - **Share**: Upload the file via **Twidroyd**, **MySpace**, **Messaging**, **AllShare**, **Picasa**, **Corporate Email**, **Bluetooth**, **Facebook**, **Email**, **Gmail**, or **YouTube**.
     - **Create folder**: Create a new folder for storing files.
     - **Delete**: Erase selected file(s).
     - **View by**: Display files as a **List**, as a **List and details**, or as **Thumbnails**.
     - **List by**: Sort files by **Time**, **Type**, **Name**, or **Size**.
     - **More**: **Move**, **Copy**, **Rename** files, **Print via Bluetooth**, set **Bluetooth visibility** for file(s), or change **Settings** for My Files.

My Verizon Mobile

View details and manage your Verizon Wireless account.

Note: No airtime or minute charges apply when accessing My Verizon Mobile.

▶ From the Home screen, touch **Applications** ➔ **My Verizon Mobile**.

Tip: My Verizon is also available via the Data usage Android Widget, to display account information right on the Home screen. For information about displaying widgets on the Home screen, see *"Adding Widgets to the Home screen"* on page 25.

MySpace

Access MySpace from your phone.

▶ From the Home screen, touch **Applications** ➔ **MySpace**.

Tip: MySpace is also available via the MySpace Friend Updates, MySpace Search, and MySpace Status Updater Android Widgets, for MySpace updates right on the Home screen. For information about displaying widgets on the Home screen, see *"Adding Widgets to the Home screen"* on page 25.

Scrabble

Play the popular word game on your phone.

- From the Home screen, select **Applications** ➔ **Scrabble**.

Settings

Configure your phone to your preferences. For more information, see *"Settings"* on page 122.

- From the Home screen, touch **Applications** ➔ **Settings**.

Skype Mobile

Use Skype mobile™ on your phone for unlimited Skype-to-Skype calls and IM to anywhere in the world. For more information, please visit www.verizonwireless.com/skype.

- From the Home screen, touch **Applications** ➔ **Skype mobile**™ and follow the on-screen instructions.

Talk

Use Google Talk to chat with other Google Talk users. For more information, see *"Google Talk"* on page 71.

- From the Home screen, touch **Applications** ➔ **Talk**.

Task Manager

View and manage active applications on your phone. For more information, see *"Task Manager"* on page 11.

- From the Home screen, touch **Applications** ➔ **Task Manager**.

Tetris

Play the popular Tetris game, right on your phone.

- From the Home screen, touch **Applications** ➔ **Tetris**.

ThinkFree Office

ThinkFree Office Mobile for Android™ is a Microsoft Office®-compatible office suite, that provides a central place for managing your documents on and off line.

- From the Home screen, touch **Applications** ➔ **ThinkFree Office**.

Twidroyd

Access your Twitter account from your phone. For more information, see *"Twidroyd"* on page 80.

- From the Home screen, touch **Applications** ➔ **Twidroid**.

Tip: Twidroyd is also available via the Twidroyd Android Widgets, for Twitter updates right on the Home screen. For information about displaying widgets on the Home screen, see *"Adding Widgets to the Home screen"* on page 25.

V CAST Music with Rhapsody

(Subscription, Wireless and PC Downloads)

Browse and download songs from the V CAST with Rhapsody catalog. For more information, see *"V CAST Music with Rhapsody"* on page 85.

- From the Home screen, select **Applications** ➔ **V CAST Music with Rhapsody**.

V CAST Tones

Preview, download and purchase ringtones and ringback tones. For more information, For more information, refer to *"V CAST Tones"* on page 84.

Note: Airtime or download charges may apply for using V CAST Tones.

- From the Home screen, select **Applications** ➔ **V CAST Tones**.

V CAST Videos

Browse and download videos from the V CAST library. For more information, see *"V CAST Videos"* on page 91.

- From the Home screen, select **Applications** ➔ **V CAST Videos**.

Video Player

View and manage videos stored on an optional installed memory card, or shop for new videos.

- From the Home screen, touch **Applications** ➔ **Video Player**.

Voice Commands

Voice Commands is advanced speech recognition software that recognizes your spoken commands to dial phone numbers, create messages, and launch phone features such as Contacts, Calendar and My Music.

To use Voice Commands, speak naturally into your phone, at a distance of 3-12 inches. There is no need to "train" Voice Commands, it is designed to recognize natural speech.

▶ From the Home screen, touch **Applications** ➔ **Voice Commands**.

Note: At each step, Voice Commands displays a list of available commands. If Voice Commands does not recognize your command, it will prompt you to confirm.

Tip: Touch **Menu** ➔ **Info** at any time to display helpful tips for using Voice Commands.

Help

Display helpful information for using Voice Commands.

1. From the Home screen, touch **Applications** ➔ **Voice Commands**.
2. At the audio prompt "**Please say a command**", say "**Help**".

Call <Name or #>

Place a call by speaking a contact name or telephone number.

1. From the Home screen, touch **Applications** ➔ **Voice Commands**.
2. At the audio prompt "**Please say a command**", say "**Call**", followed by:
   - "< **A Contact Name**>", to call the default telephone number for a contact. Or, say "Call", followed by the type of number label.
   - "<**Telephone Number**>" to dial phone number.
   - "**Voicemail**" to access voicemail.
   - "**Last Number**" to redial the last number.
3. Follow the prompts to confirm your selection and place the call.

Redial

Place a call to the last number you dialed.

1. From the Home screen, touch **Applications** ➔ **Voice Commands**.
2. At the audio prompt "**Please say a command**", say "**Redial**".

Send <Msg Type>

Create a new message by speaking the type of message and the recipient(s).

1. From the Home screen, touch **Applications** ➔ **Voice Commands**.
2. At the audio prompt "**Please say a command**", say "**Send**".
3. At the prompt, say the contact name, telephone number, or contact group.
4. The new message opens, with the To: field populated with your selection(s). Continue creating the message. For more information, see *"Messaging"* on page 61.

Go To <Menu>

Access an application by speaking the application name.

1. From the Home screen, touch **Applications** ➔ **Voice Commands**.
2. At the audio prompt "**Please say a command**", say "**Go to**", followed by the name of a menu item, for example, "**Bing**", "**Phone**", "**Messaging**", "**Calendar**", "**Settings** ", "**Browser**", "**My Files**"or "**Music Player**".

Contact <Name>

Access a contact record by speaking the name of the contact.

1. From the Home screen, touch **Applications** ➔ **Voice Commands**.
2. At the audio prompt "**Please say a command**.", say "**Contact**", followed by a command:
   - **Call**: Calls the contact's default number.
   - **Readout**: Reads out the contact's information.
   - **Create New**: Create a new contact.
   - **Modify**: Open a contact record for modification.
   - **Erase**: Delete a contact.

Play <Playlist>

Launch My Music and start playback of a saved playlist.

1. From the Home screen, touch **Applications** ➔ **Voice Commands**.
2. At the audio prompt "**Please say a command**", say "**Play**", followed by the name of a stored playlist.

Check <Item>

Access device information by speaking the command.

1. From the Home screen, touch **Applications** ➔ **Voice Commands**.
2. At the audio prompt "**Please say a command**", say "**Check**", followed by a command:
   - **Status**: Displays and announces all phone status indicators.
   - **Voicemail**: Displays and announces the number of new voicemail messages.
   - **Messages**: Displays and announces the number of new Text, Picture and Voice messages.
   - **Missed Calls**: Displays the missed call log.
   - **Time**: Displays and announces the current time.
   - **Signal Strength**: Displays and announces the current 1x signal strength level.
   - **Battery**: Displays and announces the current battery level.
   - **Volume**: Displays and announces the current volume level.
   - **Balance**: Calls the service number for account balance information.
   - **Minutes**: Calls the service number for minute balance information.
   - **Payment**: Calls the service number for payment information.
   - **My Number**: Displays and announces your phone number.

Search

Launch Bing Search.

1. From the Home screen, touch **Applications** ➔ **Voice Commands**.
2. At the audio prompt "**Please say a command**" say "**Search**".

Note: Bing Search includes voice searching. For more information, see see *"Bing"* on page 73.

My Verizon

Check your Verizon Wireless account status by voice command.

Note: This features launches the browser to your account page and requires a data plan and is subject to Verizon Wireless data coverage.

1. From the Home screen, touch **Applications** ➔ **Voice Commands**.
2. At the audio prompt "**Please say a command**", say "**My Verizon**".

Voice Commands Settings

Configure the Voice Commands feature of your phone.

1. From the Home screen, touch **Applications** → **Voice Commands**.
2. Touch **Menu** → **Settings** to customize these settings:
   - **Confirmation**: Control when the system asks you to confirm a name or number. Select **Automatic**, **Always Confirm**, or **Never Confirm**.
   - **Sensitivity**: Control the sensitivity of command recognition. Choose **Most Sensitive**, **Recommended** or **Least Sensitive**.
   - **Adaptation:** Train Voice Commands to recognize your voice. Choose **Adapt Voice**, then follow the audio prompts.
   - **Prompts**
     - **Mode**: control the level of audio assistance. Choose from Prompts, Readout+Alerts, Readout, or Tones Only.
     - **Timeout**: Control how long the Voice Commands system listens for a command from you. Choose **5 seconds** or **10 seconds**.
   - **About**: View information about Voice Commands.

VZ Navigator

Use VZ Navigator® to find, share and navigate to millions of locations, avoid traffic and drive or walk with ease.

Note: VZ Navigator requires service activation. Contact Verizon Wireless for more information.

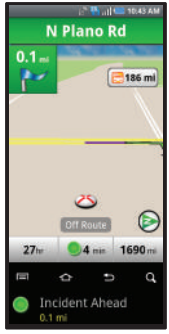
1. From the Home screen, touch **Applications** → **VZ Navigator**.
2. The first time you launch VZ Navigator, read the End-User License Agreement, and other notices, then follow the prompts to continue to install and launch VZ Navigator.
3. Use these options to find locations and get directions:
   - Touch **Navigate** to enter a destination for directions.
   - Touch **Find** to search for locations.
   - Touch **Share** to share a place via message or update your Facebook status.
4. Touch **Menu** for these options:
   - **Update Location**: Acquire your current location from GPS.
   - **Preferences**: Customize VZ Navigator, including:
     - **Regional**: Set the display **Language**, plus **Distance** and **Temperature** units.
     - **Route Options**: Set options for route planning, including type of **Route**, things to **Avoid**, items to **Display**, and **Traffic** options.

– **Display**: Set preferences for the VZ Navigator **Home Screen**, **Map Tray**, and **Content Carousel**.
– **Audio**: Choose the **Navigation Voice**, **Navigation Volume**, and **Navigation Prompt**.
– **Advanced**: Set the **Privacy** policy, choose whether to **Share Traffic** information, view the **License Agreement**, **Check for Updates**, or view **My Account** information.

- **Sync VZNavigator.com**: Synchronize favorites and recent searches.
- **About**: View information about VZ Navigator.
- **Exit**: Close VZ Navigator.

Using VZ Navigator with the Ticker Display

When you're using VZ Navigator, next-turn directions appear in the Ticker Display.



Voice Recorder

Record your voice or other sounds, and share recordings via Bluetooth, Messaging, or Gmail.

▶ From the Home screen, touch **Applications** ➔ **Voice Recorder**.

Voice Search

Perform Google searches by speaking your search terms. For more information, see *"Voice Search"* on page 73.

▶ From the Home screen, touch **Applications** ➔ **Voice Search**.

Voicemail

All unanswered calls to your phone are sent to voice mail, even if your phone is turned off, so you'll want to set up your voice mail and personal greeting as soon as you activate your phone. For more information, see *"Voicemail"* on page 42.

▶ From the Home screen, touch **Voicemail**.

Weather Clock

Weather Clock displays an analog clock on the Home screen, with weather updates from WeatherBug.

- From the Home screen, touch **Weather Clock** to select a city for weather updates.

Tip: Weather Clock is also available as a Samsung Widget, to display time and weather information right on the Home screen. For information about displaying widgets on the Home screen, see *"Adding Widgets to the Home screen"* on page 24.

Wi-Fi Settings

Configure Wi-Fi settings and connect to Wi-Fi services. For more information, see *"Wi-Fi"* on page 96.

- From the Home screen, touch **Applications** ➔ **Wi-Fi Settings**.

Write & Go

Capture ideas as a text note, then choose a format for sending via Gmail, saving to the Calendar or as a memo, or use it to update your Facebook, MySpace, or Twitter status.

1. From the Home screen, touch **Applications** ➔ **Write & Go**.
2. Compose a text note, then use the following options:
   - **Send message**: Create a new text message containing the note.
   - **Update status**: Log in to post the note to update your status on Facebook, MySpace, or Twitter.
   - **Save**: Save the note as an event in Calendar, or as a Memo.

YouTube

View and upload YouTube videos, right from your phone. for more information, see *"YouTube"* on page 73.

- From the Home screen, select **Applications** ➔ **YouTube**.

Section 12: Settings

This section explains Settings for customizing your phone.

Accessing Settings

▶ From the Home screen, touch **Menu** ➔ **Settings**.

– or –

From the Home screen, touch **Applications** ➔ **Settings**.

Wireless & networks

Control your phone's wireless connections.

Wi-Fi

Your phone supports Wi-Fi b/g/n.

Turning Wi-Fi On or Off

Turn your phone's Wi-Fi service on or off. When you turn Wi-Fi service on, your phone automatically searches for available, in-range Wireless Access Points (WAPs).

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks**.
2. Touch **Wi-Fi** to turn Wi-Fi On or Off. When on, a check appears in the checkbox.

Wi-Fi settings

Set up and manage wireless access points.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks** ➔ **Wi-Fi settings**.
2. Configure these settings:
   - **Wi-Fi**: Touch to turn Wi-Fi on or off.
   - **Detected Networks**: After a search, touch a network to connect.
   - **Add Network**: Enter network settings to add a network manually.
   - **Manage networks**: Manage your Wi-Fi networks.
   - **Search**: Scan for Wi-Fi networks.
   - **Advanced**:
     - **Wi-Fi sleep policy**: By default, Wi-Fi turns off when the screen times out. Use Wi-Fi sleep policy settings to specify when to switch from Wi-Fi to mobile data for data communications. Touch to choose from **When screen turns off**, **Never when plugged in**, or **Never**.
     - **MAC address**: View your phone's MAC address, required when connecting to some secured networks (not configurable).
     - **Proxy**: Touch to enter a proxy number.
     - **Port**: Touch to enter a port number.
     - **IP Settings**: Enter IP settings for configuring a connection to a network using a static IP, including **Use static IP**, **IP address**, **Gateway**, **Netmask**, **DNS 1** and **DNS 2**.

Mobile hotspot settings

Use Mobile Hotspot settings to share your phone's 3G internet connection with a PC or other device through Wi-Fi. For more information about using your phone as a mobile hotspot, see *"3G Mobile Hotspot"* on page 98.

Note: To use 3G Mobile hotspot, you need the 3G Mobile Hotspot feature from Verizon Wireless. Contact Verizon Wireless for more information.

3G Mobile Hotspot consumes battery power and uses data service. While the 3G Mobile hotspot is active, your phone's applications will use the 3G Mobile hotspot data feature allowance.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks** ➔ **Mobile hotspot settings**.
2. Configure the following settings:
   - Touch **3G Mobile Hotspot** to turn Mobile hotspot On or Off. When On, a check appears in the check box
   - Touch **Configure** to configure your Mobile hotspot.
     – For information about configuring Mobile hotspot automatically, see *"Configuring Mobile Hotspot Automatically"* on page 124.
     – For information about configuring Mobile hotspot manually, see *"Configuring Mobile Hotspot Manually"* on page 124.
   - Touch **View Connected Devices** to see a list of devices using your Mobile Hotspot.
   - Touch **Battery Management** to configure settings to turn Mobile Hotspot off when not used for a specified period of time.

Tip: By default, your phone's Mobile hotspot password is your phone number. To change the password, touch Password, then enter a new password.

Turning Mobile hotspot On or Off

Note: Using your phone as a mobile hotspot consumes battery power and increases your data usage. Roaming while using your phone as a mobile hotspot will incur extra data charges.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks** ➔ **Mobile hotspot settings**.
2. Touch **Mobile Hotspot** to turn Mobile hotspot On or Off, then follow the prompts to complete the process. When on, a check appears in the checkbox.

Note: For more information about using 3G Mobile Hotspot, see *"3G Mobile Hotspot"* on page 98.

Configuring Mobile Hotspot Manually

Manual Mobile Hotspot configuration allows you to customize settings for your hotspot.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks** ➔ **Mobile hotspot settings**.
2. Mobile Hotspot must be turned on for configuration. Touch the check box to the right of **Mobile Hotspot** to turn on the service.
3. Touch **Configure**.
4. At the prompt, touch **Manual** to continue. On the set-up screen, configure these settings:
   - **Network name (SSID)**: The default name for your device is displayed. Touch to enter a new name for your hotspot, if desired.
   - **Broadcast SSID**: Touch to enable or disable broadcast of your hotspot's SSID for other devices to detect.
   - **Security**: Choose a security level for your hotspot, from WEP, WPA Personal, or WPA2 Personal, or None.
   - **Key (Passphrase)**: If you choose WEP, WPA Personal or WPA2 Personal security, enter a key to use when authenticating users.
   - **Broadcast Channel**: Choose a channel to transmit your hotspot's signal.
5. Touch **Done** to complete set-up.

Tip: By default, your phone's Mobile hotspot password is your phone number. To change the password, touch Password, then enter a new password.

Configuring Mobile Hotspot Automatically

Automatic Mobile Hotspot configuration creates a default SSID (network name) and Key for your hotspot.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks** ➔ **Mobile hotspot settings**.
2. Mobile Hotspot must be turned on for automatic configuration. Touch the check box to the right of **Mobile Hotspot** to turn on the service.
3. Touch **Configure**. At the prompt, touch **Automatic** to continue.

Battery Management

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks** ➔ **Mobile hotspot settings**.
2. Touch **Battery Management**.
3. At the prompt "**Turn Mobile Hotspot off if there is no activity in**" choose a time period.

Bluetooth

Bluetooth profiles

Bluetooth profiles are specifications for services supported by individual devices to improve the ability of different devices to work together. Your phone Your phone supports Bluetooth® 3.0, and these profiles:

- **Headset**: HSP 1.1 supports compatible Bluetooth headsets for mono voice.
- **Handsfree**: HFP 1.5 supports Bluetooth headsets, and may also support other compatible Bluetooth devices with speakerphone capabilities.
- **Serial Port**: SPP 1.1 supports a remote Bluetooth device to act as a virtual serial port.
- **Stereo**: A2DP 1.0, AVRCP 1.0, GAVDP 1.0, AVDTP 1.0 and AVCTP 1.0 support delivery of stereo audio to a compatible Bluetooth device.
- **Object Exchange**:
  - OPP 1.1 allows exchange of contact name cards (vCard 2.0), calendar events (vCalendar), and other non-protected files.
  - FTP 1.1 allows exchange of non-protected data files.
  - BPP 1.0 allows printing of JPEG files to a Bluetooth-enabled printer.
  - PBAP 1.0 allows exchange of namecard and phonebook entries.

Note: This device does not support all Bluetooth profiles. For vehicle/accessory compatibility, contact Verizon Wireless.

Turning Bluetooth On or Off

Turn your device's Bluetooth service On or Off. For more information about using Bluetooth to exchange information with other Bluetooth devices, see see *"Bluetooth"* on page 99.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks**.
2. Touch **Bluetooth** to turn Bluetooth On or Off. When On, a check appears in the checkbox.

Bluetooth settings

Use Bluetooth settings to manage Bluetooth connections, set your device's name, and control your device's visibility to other devices.

Note: Bluetooth must be turned On to access some settings.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks** ➔ **Bluetooth settings**.
2. Touch a setting to configure Bluetooth:
   - **Bluetooth**: Touch to turn Bluetooth On or Off. When On, a check appears in the checkbox.
   - **Device Name**: Your device's default name appears on screen. Touch to change the device name. Available when Bluetooth is turned On.
   - **Visible**: Control your phone's visibility to other devices' Bluetooth searches. Touch to turn On or Off. Available when Bluetooth is turned On.
   - **Scan devices**: Touch to scan for nearby discoverable devices. After searching, touch a device to pair with it. For more information, see see *"Pairing with a Bluetooth Device"* on page 100.

Airplane mode

When airplane mode is activated, all your phone's wireless connections are disabled, and you cannot make or receive calls or messages or connect to networks. While in airplane mode, you can use other features of your phone, such as playing music, watching videos, or other applications.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks**.
2. Touch **Airplane mode** to activate or deactivate airplane mode. When activated, a check appears in the checkbox.

VPN settings

Set up and manage Virtual Private Networks (VPNs). For more information about using VPNs, see see *"VPN"* on page 100.

Add VPN

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks** ➔ **VPN settings**.
2. Touch **Add VPN** to set up a connection to a VPN, using the following settings:
   - **Add PPTP VPN**: Set up a connection to a VPN with Point-to-Point tunneling protocol.
   - **Add L2TP VPN**: Set up a connection to a VPN with Layer 2 tunneling protocol.
   - **Add L2TP/IPSec PSK VPN**: Set up a connection to a VPN with pre-shared key-based Layer 2/IPsec tunneling protocol.
   - **Add L2TP/IPSec CRT VPN**: Set up a connection to a VPN with Certificate-based Layer 2/IPsec tunneling protocol.

Mobile networks

Set options for network selection and data services while roaming.

Important!: Depending on your service plan, changes you make to Mobile Networks settings may incur extra charges. Consult Verizon Wireless for more information.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks** ➔ **Mobile networks**.
2. Set these options:
   - **Data roaming**: Enable or disable connections to data services when your device is roaming on another network. For more information about roaming, see *"Roaming"* on page 10.
   - **System select**: Change the roaming mode for CDMA networks.
     - **Home Only**: Restrict your phone to your home network's coverage area. When outside the coverage area, your phone will not roam, and call functions and other wireless features will not be available.
     - **Automatic**: Allow your phone to automatically acquire service based on default settings, using the Verizon Wireless network and the networks of roaming partners.

Dial up networking

Connect to data services using dial-up networking.

Note: You cannot use other data services while Dial Up Networking is enabled.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Wireless & networks.**
2. Touch **Dial up networking** to enable or disable dial-up networking. When enabled, a check appears in the checkbox.

Call settings

Voicemail

Voicemail service

By default, calls you do not answer are sent to your carrier's voicemail system. If you subscribe to other voicemail services, you can set the default service.

- From the Home screen, touch **Menu** ➔ **Settings** ➔ **Call settings** ➔ **Voicemail service**.

Voicemail

By default, the speed dial number for calling your carrier's voicemail is *86. You can modify this to set a special speed dial number for accessing voicemail.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Call settings** ➔ **Voicemail**.
2. Use the touch keypad to modify the default voicemail number.

Other call settings

Ignore with message

Create messages to use when rejecting incoming calls. For more information, see *"Ignoring a call with a message"* on page 40.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Call settings** ➔ **Ignore with message**.
2. Touch **Create**.
3. Enter the message text, then touch **Save**.

Note: To erase messages, touch **Menu** ➔ **Delete**.

Auto retry

When enabled, your phone will automatically re-attempt a call when it encounters a network busy signal.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Call settings**
2. Touch **Auto retry** to enable or disable automatic call retry. When enabled, a check mark appears in the check box.

DTMF Tones

Set the length of DTMF (Dual Tone Multiple Frequency) tones that your phone sends. DTMF tones are used as input by some automated call systems.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Call settings** ➔ **DTMF tones**.
2. Touch **Normal** or **Long**.

TTY Mode

When enabled, TTY Mode allows your phone to work with a TTY device attached to the Headset Jack. Before using your phone with a TTY device, you'll need to enable TTY Mode.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Call settings** ➔ **TTY mode**.
2. Touch **TTY Off**, **TTY Full**, **TTY HCO**, or **TTY VCO**.

Voice privacy

When enabled, Voice privacy encrypts your voice calls for enhanced privacy.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Call settings**.
2. Touch **Voice privacy** to enable or disable voice privacy. When enabled, a check mark appears in the check box.

Sound & display

Sound settings

Phone vibrate

When enabled, your phone vibrates to alert you to incoming calls, as well as playing the call ringtone.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display**.
2. Touch **Phone vibrate** to enable or disable vibrate mode. When enabled, a check mark appears in the check box.

Note: The Phone vibrate setting is independent of other call sounds settings. For example, if you have Silent mode enabled with Phone vibrate, your phone won't play a ringtone, but will vibrate for an incoming call.

Silent mode

Temporarily silence all the sounds your phone makes except for media playback and alarms.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display**.
2. Touch **Silent mode** to enable or disable silent mode. When enabled, a check mark appears in the check box.

Ringer volume

Set the volume level for incoming call and notification ringtones.

Note: You can also set **Ringer volume** from the Home screen by pressing the **Volume Key**.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display** ➔ **Ringer volume**.
2. Touch and drag the slider to set **Incoming call volume**.
3. Touch and drag the slider to set **Notification volume**.
4. Touch **OK** to save your setting.

System volume

Choose the master volume level for touch feedback and the power on/off sounds.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display** ➔ **System volume**.
2. Touch and drag the slider to set the volume level.
3. Touch **OK** to save your setting.

Phone ringtone

Choose a default ringtone for all incoming calls.

Tip: You can also set songs as ringtones for all calls, or for a selected contact. For more information, see *"Setting a Song as a Ringtone"* on page 84.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display** ➔ **Phone ringtone**.
2. Touch a ringtone to hear a sample and select it.
3. Touch **OK** to save the setting.

Notification ringtone

Select a default ringtone for message, alarm, and other notifications.

Tip: You can also set songs as ringtones. For more information, see *"Setting a Song as a Ringtone"* on page 84.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display** ➔ **Notification ringtone**.
2. Touch a ringtone to hear a sample and select it.
3. Touch **OK** to save the setting.

Audible touch tones

When enabled, plays when you dial numbers on the Phone Dialer.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display**.
2. Touch **Audible touch tones** to enable or disable tones. When enabled, a check mark appears in the check box.

Audible selection

When enabled, tones play when you touch the screen for selections (other than the Phone Dialer).

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display**.
2. Touch **Audible selection** to enable or disable tones. When enabled, a check mark appears in the check box.

Haptic feedback

When enabled, the phone vibrates to indicate screen touches and other interactions.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display**.
2. Touch **Haptic feedback** to enable or disable vibration. When enabled, a check mark appears in the check box.

SD card notifications

When enabled, the sounds play for memory card notifications.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display**.
2. Touch **SD card notifications** to enable or disable sounds. When enabled, a check mark appears in the check box.

Media volume

Set the default volume for playback of music and videos.

Note: You can set **Media volume** during playback by pressing the **Volume Key**.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display** ➔ **Media volume**.
2. Touch and drag the slider to set **Media volume**, then touch **OK** to save the setting.

Emergency Tone

You can set your phone to play an alert tone or vibrate during an emergency call (for example, calls to 911).

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display** ➔ **Emergency tone**.
2. Touch **Alert** or **Vibrate**, or touch **Off** for no emergency tone.

Display settings

Orientation

Enable or disable automatic rotation of the screen when you turn the phone clockwise or counterclockwise.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display**.
2. Touch **Orientation** to enable or disable automatic screen orientation. When enabled, a check appears in the box.

Animation

Set the level of animations for transitions between screens.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display** ➔ **Animation**.
2. Touch **No animation**, **Some animations**, or **All animations**.

Brightness

Set the default screen brightness.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display** ➔ **Brightness**.
2. Touch and drag the slider to set the brightness, or touch to enable **Automatic brightness adjustment**.
3. Touch **OK** to save the setting.

Screen timeout

Set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display** ➔ **Screen timeout**.
2. Touch a setting to select it.

Unlock screen

Choose the unlock screen for unlocking your phone.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display** ➔ **Unlock screen**.
2. Touch an option to select it:
   - **Glass unlock**: Slide your finger across the screen to unlock.
   - **Puzzle unlock**: Touch and drag a puzzle piece into place to unlock.

Power saving mode

When enabled, your phone will automatically analyze the screen and adjust the brightness to conserve battery power.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display**.
2. Touch **Power saving mode** to enable or disable the mode. When enabled, a check appears in the check box.

Activate Grip sensor

When activated, the Grip sensor will allow the Ticker Display to display when you grip the sides of the phone at the bottom near the Ticker Display.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Sound & display**.
2. Touch **Activate Grip sensor** to activate or deactivate the sensor.

Ticker Settings

Configure the operation of the Ticker Display. For more information, see *"Ticker Display"* on page 21.

Social networking

Manage updates from your Facebook, MySpace and Twitter accounts to the Ticker Display.

Social networking

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Ticker settings** ➔ **Social networking**.
2. Touch a social network to configure updates:
   - **Facebook**: Touch **Receive all** to receive all updates, or touch **Message**, **Poke**, **Friends Request**, **Invitation** or **Comment**.
   - **MySpace**: Touch **Receive all** to receive all updates, or touch **Message**, **Friends Request**, or **Comment**.
   - **Twitter**: Touch **Receive all** to receive all updates, or touch **Message**.

Sound setting

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Ticker settings** ➔ **Social networking**.
2. Touch **Ringtone** to choose a default ringtone for social networking Ticker updates.
3. Touch **Vibration** to enable or disable vibration for social networking Ticker updates.

Weather

Manage settings for weather updates to the Ticker Display.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Ticker settings** ➔ **Weather**.
2. Touch **Refresh** to update weather information.
3. Touch **My city list** to view your weather locations.
4. Touch **Search** to add locations to your city list.

Note: This feature requires Location services. If you don't have location services enabled, the phone will prompt you to enable Current location. Touch **Yes** to enable Current location and follow the prompts. For more information, see *"My Location"* on page 136.

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5. Touch **Settings** to configure these settings:
   - **Unit**: Choose the unit for temperature, **Fahrenheit** or **Celsius**.
   - **Auto refresh**: Choose a time interval for automatic refresh of weather information, or choose **None**.
   - **Current location**: Display the current weather for your location.
     - **Enable Current location**: Touch to enable or disable Current location.
     - **Enable follow me**: When enabled, Current location will update automatically when your location changes.
     - **Use network**: When enabled, uses network information to find your location.
     - **Use GPS**: When enabled, uses GPS information to find your location.

RSS Feeds

Manage settings for RSS feed updates to the Ticker Display. Your phone has preloaded RSS feeds, and you can add your own favorite feeds.

RSS Feeds

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Ticker settings** ➔ **RSS Feeds**.
2. Touch a feed category to configure updates:
   - **Preloaded RSS feeds**: Touch preloaded feeds to subscribe to the feed, and enable feed updates.
   - **User added RSS feeds**: Touch feeds to subscribe to the feed, and enable feed updates. To add a feed, touch **Menu** ➔ **Add RSS feed** to enter the URL, or touch **Menu** ➔ **Search** to search for feeds.

Sound setting

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Ticker settings** ➔ **RSS Feeds**.
2. Touch **Ringtone** to choose a default ringtone for RSS feed Ticker Display updates.
3. Touch **Vibration** to enable or disable vibration for RSS feed Ticker Display updates.

Display Settings

Manage settings for the Ticker Display.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Ticker settings** ➔ **Display Settings**.
2. Touch **Backlight notification** to choose a setting:
   - **On**: Backlight lights with notifications
   - **Dim**: Backlight lights, but dimly, with notifications
   - **Off**: No backlight.
3. Touch **Ticker display duration** to set the length of time the Ticker Display displays each notification before scrolling to the next notification or returning to idle.
4. Touch **Activate Grip sensor** to activate or deactivate the grip sensor. When activated, the Ticker Display will display when you grip the sides of the phone at the bottom near the Ticker Display.

Ticker Sleep Time

You can choose to have the Ticker Display “sleep” during certain times of the day. When in sleep mode, the Ticker Display will not display notifications or updates.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Ticker settings** ➔ **Ticker Sleep Time**.
2. Touch **Ticker sleep** to enable or disable sleep settings.
3. When Ticker sleep is enabled, touch **Start time** to set a sleep start time.
4. When Ticker sleep is enabled, touch **End time** to set a sleep end time.
5. When Ticker sleep is enabled, touch **Repeat** to set a schedule for sleep times. Choose **Every Day**, **Sunday and Saturday**, or **Weekly** and choose the day(s).

Location & security

Verizon Wireless values your privacy. Because of this, your phone is defaulted to only acquire your location when you dial 911. To use Location-Based Services, you must first enable location services on your phone.

My Location

E911

E911 location service is standard on all mobile phones, to allow sharing of your GPS location with emergency personnel when you make a call to emergency services (such as 911). This setting is not configurable.

- From the Home screen, touch **Menu** ➔ **Settings** ➔ **Location & security** ➔ **E911**.

VZW location services

Enable or disable location service from Verizon Wireless.

Note: VZW location services must be enabled to use some applications.

Important!: By selecting **VZW location services**, you are enabling Verizon Wireless and third-party authenticated and validated location-enabled services access to certain location information available through this network or device.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Location & security**.
2. Touch **VZW location services** to enable or disable Verizon Wireless location services. When enabled, a check mark appears in the check box.

Standalone GPS services

Enable or disable location service from Standalone GPS services.

Note: Standalone location services must be enabled to use some applications.

Important!: By selecting **Standalone GPS services**, you are allowing access to all location information by any third party through web access or any software or peripheral components you choose to install, download, add or attach to the device or any other means. Enabling this functionality could pose certain risks to users of this device.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Location & security**.
2. Touch **Standalone GPS services** to enable or disable Standalone GPS services. When enabled, a check mark appears in the check box.

Google location services

Enable or disable location services from Google location services.

Note: Google location services must be enabled to use some applications.

Important!: By selecting **Google location services**, you are allowing access to all location information by Google through web access or any software or peripheral components you choose to install, download, add or attach to the device or any other means. Enabling this functionality could pose certain risks to users of this device.

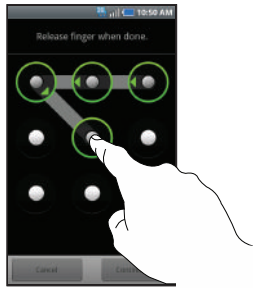
1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Location & security**.
2. Touch **Google location services** to enable or disable Google location services. When enabled, a check mark appears in the check box.

Screen unlock pattern

A screen unlock pattern is a touch gesture you create and use to unlock your phone. For more information about using the lock and unlock features, see *"Securing Your Phone"* on page 13.

Set unlock pattern/Change unlock pattern

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Location & security**.
2. Touch **Set unlock pattern** or **Change unlock pattern**.
3. Follow the prompts to create or change your screen unlock pattern.



Note: After creating your personal screen unlock pattern, you must enable it in the **Require pattern** setting to have the phone require it for unlocking.

Require pattern

Enable or disable the use of a screen unlock pattern.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Location & security**.
2. Touch **Require pattern** to enable or disable the use of your unlock pattern. When enabled, a check mark appears in the check box.

Use visible pattern

When enabled, your screen pattern will display on screen as you draw it. The pattern will display in green (as shown at left) when you draw the correct pattern, or red when you draw the pattern incorrectly.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Location & security**.
2. Touch **Use visible pattern** to enable or disable visible patterns. When enabled, a check mark appears in the check box.

Use tactile feedback

When enabled, the phone will vibrate as you draw your unlock pattern on the screen.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Location & security**.
2. Touch **Use tactile feedback** to enable or disable tactile feedback. When enabled, a check mark appears in the check box.

Passwords

Visible passwords

When enabled, password characters will display briefly as you touch them while entering passwords.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Location & security**.
2. Touch **Visible passwords** to enable or disable brief displays of password characters. When enabled, a check mark appears in the check box.

Credential storage

Use secure credentials

You can install credentials from an installed memory card, and use Credential storage settings to allow applications to access the secure certificates and other credentials.

Note: You must have installed encrypted certificates from a memory card to use this feature.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Location & security**.
2. Touch **Use secure credentials** to enable or disable. When enabled, a check mark appears in the check box.

Install from SD card

Install encrypted certificates from an installed memory card.

Note: You must have installed a memory card containing encrypted certificates to use this feature.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Location & security**.
2. Touch **Install from SD card**, then choose a certificate and follow the prompts to install.

Set password

Set or change a password to protect credentials.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Location & security**.
2. Touch **Set password**, then follow the prompts.

Clear storage

Clear stored credentials and reset the password.

Note: This setting only appears if you have installed encrypted certificates.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Location & security**.
2. Touch **Clear storage** to clear stored credentials and reset the password.

Applications

You can download and install applications from Android Market, or create applications using the Android SDK and install them on your phone. Use Applications settings to manage applications.

Warning!: Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Unknown sources

When enabled, allows installation of applications from sources other than the Android Market.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Applications**.
2. Touch **Unknown sources** to enable or disable the setting. When enabled, a check mark appears in the check box.

Manage applications

Manage and remove applications from your phone.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Applications** ➔ **Manage applications**.
2. Touch an application to view and update information about the application, including memory usage, default settings and permissions.
3. Press **Back** to return to Applications settings.

Running services

View and control services running on your phone.

Warning!: Not all services can be stopped, and stopping services may have undesirable consequences on the application or Android System.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Applications** ➔ **Running services**.
2. To stop a service, touch the service, then touch **Stop** at the confirmation prompt.

Development

Set options for application development.

USB debugging

When enabled, allows debugging when the phone is attached to a PC by a USB cable.

Note: This setting is used for development purposes.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Applications** ➔ **Development**.
2. Touch **USB debugging** to enable or disable the setting. When enabled, a check mark appears in the check box.

Stay awake

When enabled, the screen will not go to sleep (lock) while connected to a PC via USB cable. This can be useful when using some applications, such as 3G Mobile Hotspot, because the phone will disconnect a Wi-Fi or data connection when the screen locks.

Note: This setting is used for development purposes.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Applications** ➔ **Development**.
2. Touch **Stay awake** to enable or disable the setting. When enabled, a check mark appears in the check box.

Allow mock locations

This setting is used by developers when developing location-based applications.

Note: This setting is used for development purposes.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Applications** ➔ **Development**.
2. Touch **Allow mock locations** to enable or disable the setting. When enabled, a check mark appears in the box.

Accounts & sync

Set up and manage accounts, including your Google and Backup Assistant accounts.

General sync settings

Background data

When enabled, all accounts can sync, send, and receive data at any time, in the background.

Important!: Disabling background data can extend battery life and lower data use. Some applications may still use the background data connection, even if this setting is disabled.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Accounts & sync**.
2. Touch **Background data** to enable or disable the setting. When enabled, a check mark appears in the check box.

Auto-sync

When enabled, all accounts sync data at any time, automatically.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Accounts & sync**.
2. Touch **Auto-sync** to enable or disable the setting. When enabled, a check mark appears in the check box.

Backup Assistant

Backup Assistant is a free wireless service that saves a copy of your Contacts to a secure web site. If your phone is lost, stolen or damaged, Backup Assistant can restore your saved contacts to a new phone, wirelessly. You can schedule backups to save your information manually or automatically. Log in to your web account for full access to your contacts for viewing, printing, adding, deleting and editing.

Note: Subject to specific terms of use. Results may vary based on backup schedule and other factors.

See www.verizonwireless.com/backupassistant for more details.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Accounts & sync** ➔ **Backup Assistant**.
2. Configure these settings:
   - Touch **Auto-Sync** to enable or disable automatic synchronization of contacts with Backup Assistant.
   - Touch **Sync Time** to set a time for synchronization of contacts, if Auto-Sync is disabled.
3. To back up contacts now, touch **Backup Now**.

Tip: You can also launch Backup Assistant from the Home screen: touch **Contacts**, then touch **Menu** ➔ **Backup**.

Manage accounts

Use Manage accounts to set up and configure your accounts.

Note: Available settings depend on the type of account. Not all settings are available for all accounts.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Accounts & sync**.
2. Under **Manage accounts**, touch the account to modify its settings.

   For more information about accounts, see *"Setting Up Your Accounts"* on page 44.

Adding an account

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Accounts & sync**
2. Under **Manage accounts**, touch **Add account** and follow the prompts to enter your credentials and set up the account.

Tip: For more information about adding accounts, see *"Setting Up Your Accounts"* on page 44.

Removing an account

Important!: Removing an account also deletes all of its messages, contacts and other data from the phone.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Accounts & sync**.
2. Touch an account to display its settings.
3. Touch **Remove account**, then touch **Remove** at the prompt to remove the account and delete all its messages, contacts and other data.

Privacy

Manage your phone's use of personal information.

Location

Use my location

When enabled, your phone's GPS location information will be used for Google search results and other Google services.

Note: Some Google applications require this setting to be enabled.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Privacy**.
2. Touch **Use my location** to enable or disable the setting. When enabled, a check mark appears in the check box.

Personal Data

Factory data reset

Use Factory data reset to return your phone to its factory defaults. This setting erases all data from your phone, including Google or other email account settings, system and application data and settings, and downloaded applications. It will not erase current system software and bundled applications, or files stored on an installed memory card, such as music or photos.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Privacy**.
2. Touch **Factory data reset**, then follow the prompts to perform the reset.

SD card & phone storage

Manage the use of memory resources in your phone's internal memory, and on an installed memory card.

External SD card

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **SD card & phone storage**.
2. View **Total space** and **Available space** memory usage on an installed memory card (not user-configurable).
3. Touch **Unmount SD card** to prepare the memory card for safe removal or formatting. For more information, see *"Removing a Memory Card"* on page 12.
4. Touch **Format SD card** to erase the memory card and prepare it for use with your phone. For more information, see *"Formatting a Memory Card"* on page 101.

Internal phone storage

View memory usage for your phone's internal memory. Your phone contains 2GB internal memory.

Note: This setting cannot be configured.

- From the Home screen, touch **Menu** ➔ **Settings** ➔ **SD card & phone storage**.

USB Settings

Configure how your phone is identified when you attach it to a computer with a USB cable.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **USB settings**.
2. Choose a setting:
   - **Media Player**: When connected, your phone will sync with media applications on your computer.
   - **Mass Storage**: When connected, your phone is treated as a mass storage device for transferring information.
   - **Ask on connection**: The phone willprompt you to choose a mode when you connect it to a PC.

Search

Use Search settings to define searchable areas on your phone for the Quick Search Box, available by touching the Search Key.

Quick Search Box

Searchable items

Choose phone features to be included in Quick Search searches.

1. From the Home screen, touch Menu ➔ **Settings** ➔ **Search** ➔ **Searchable items**.
2. Touch items to enable or disable searching. When enabled, a check mark appears in the check box.
   - **Browser**: Bookmarks and web history.
   - **Contacts**: Names of contacts.
   - **Apps**: Names of applications.
   - **Music Player**: Artists, albums and track names from your music library.
   - **YouTube**: YouTube videos.
   - **Voicemail**: Visual Voice Mails received in your voice mail box.
   - **Kindle**: Titles and authors of your books.
3. Press Back to return to Search settings.

Clear search shortcuts

When you search and choose a search result, the search result is saved as a search shortcut. This setting clears recent search shortcuts.

1. From the Home screen, touch Menu ➔ **Settings** ➔ **Search**.
2. Touch **Clear search shortcuts**.

Language & keyboard

Select locale

Set the language used by your phone's screens.

1. From the Home screen, touch Menu ➔ **Settings** ➔ **Language & keyboard** ➔ **Select locale**.
2. Touch a language/locale from the list.

Text settings

Configure text entry options to your preferences.

Swype

Configure Swype settings. Swype is a new way to enter text by gliding your finger over the characters on the keyboard. For more information, see *"Entering Text Using Swype"* on page 58.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Language & keyboard** ➔ **Swype**.
2. Touch items to configure the setting. Settings include:
   - **Preferences**:
     - **Language**: Choose US English or Español.

Tip: While entering text with Swype, you can quickly choose the language by touching and holding the "Q" key.

     - **Word Prediction**: When enabled, suggests possible matching words as you enter text.
     - **Audio Feedback**: When enabled, plays sounds as you enter text.
     - **Vibrate on keypress**: When enabled, the phone vibrates on text entry.
     - **Enable Tip Indicator**: When enabled, displays a flashing indicator for quick help as you enter text.
   - **Swype Advanced settings**:
     - **Auto-spacing**: When enabled, inserts spaces automatically when you pause entering text.
     - **Auto-capitalization**: When enabled, automatically capitalizes the first letter of the first word in a sentence.
     - **Show Complete Trace**: Choose whether your Swype trace displays.
     - **Word Choice Window**: Select how often word predictions display during text entry.
     - **Speed vs. accuracy**: Send the sensitivity of Swype text recognition.
   - **Help**:
     - **Swype help**: View the Swype User Manual.
     - **Tutorial**: View a tutorial for learning how to Swype.
   - **About**:
     - **Version**: View the current Swype software version.

Android keyboard

Configure Android keyboard settings. For more information about entering text with the Android keyboard, see *"Entering Text Using the Android Keyboard"* on page 60.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Language & keyboard** ➔ **Android keyboard**.
2. Touch a setting to enable or disable the setting:
   - **Vibrate on keypress**: When enabled, the phone vibrates for each key press.
   - **Sound on keypress**: When enabled, a sound plays for each key press.
   - **Auto-capitalization**: When enabled, automatically capitalizes the first letter of the first word in a sentence.
   - **Voice input**: Voice Input is an experimental feature using Google's networked speed recognition. When enabled, the Voice input key appears on the Android keyboard. To use Voice input, touch the Voice input key, or slide your finger over the keyboard.
   - **Word suggestion settings**:
     - **Quick fixes**: When enabled, corrects common mistakes.
     - **Show suggestions**: When enabled, displays suggested words while entering text.
     - **Auto-complete**: When enabled, pressing the spacebar or a punctuation character automatically inserts the highlighted suggested word.

User dictionary

When you enter text, the predictive text features of Swype and Android keyboard suggest words matching your key touches. If you find that predictive text often predicts the wrong word, or if you have special words that you enter often, add them to the User dictionary.

Add and manage words in your user dictionary.

- To add a word, touch **Menu** ➔ **Add**.
- To edit a word, touch the word, then select **Edit**.
- To delete a word, touch the word, then select **Delete**.

Accessibility

Accessibility services are special features to make using the phone easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Accessibility**.
2. Touch **Accessibility** to activate or deactivate accessibility services. When activated, a check appears in the box.

Accessibility services

Enable or disable accessibility services.

Note: You must activate the **Accessibility services** setting before enabling services.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Accessibility**.
2. Touch a service to enable or disable the service. When enabled, a check mark appears in the check box:
   - **TalkBack**: When enabled, recites menu options, application titles, contacts, and other items when scrolling and making selections.
   - **KickBack**: When enabled, vibrates for touch actions.
   - **SoundBack**: When enabled, plays tones for touch actions.

Text-to-speech

Text-to-speech provides audible readout of text, for example, the contents of text messages, and the Caller ID for incoming calls.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Text-to-speech**.
2. Touch a setting to configure:
   - **Listen to an example**: Play a sample of speech synthesis (available if voice data is installed).
   - **Install voice data**: Download and install the speech synthesis data needed to activate Text-to-speech from Android Market (free).
   - **Always use my settings**: When enabled, settings you make override the application's default settings.
   - **Speak incoming CallerID**: When enabled, reads out the CallerID for incoming calls.
   - **Default Settings**: Configure settings to your preferences. When Always use my settings is enabled, these settings override the application's default settings.
     - **Speech rate**: Set the speed at which the text is spoken.
     - **Language**: Set the language voice for spoken text.

Date & time

By default, your phone receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the Date & time settings.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **Date & time**.
2. Touch a setting to configure:
   - **Automatic**: Touch to enable or disable automatic date and time updates from the wireless network. When enabled, a check appears in the check box.
   - **Set date**: Enter the current date (only available when the Automatic setting is disabled).
   - **Select time zone**: Choose your local time zone (only available when the Automatic setting is disabled).
   - **Set time**: Enter the current time (only available when the Automatic setting is disabled).
   - **Use 24-hour format**: Set the format for time displays.
   - **Select date format**: Set the format for date displays.

About phone

View information about your phone, including status, legal information, hardware and software versions, and a tutorial.

1. From the Home screen, touch **Menu** ➔ **Settings** ➔ **About phone**.
2. Touch items to view details:
   - **System updates**: Check availability and install updates to your phone.
   - **Status**: View Battery status, My phone number, MIN, PRL version, ERI version, MEID, Network, Signal strength, Service state, Roaming status, Mobile network state, Total data (via 3G network), Wi-Fi MAC address, Bluetooth address, and Up time.
   - **Battery use**: Display the processes and applications that are currently running. Touch and hold on an item to view details.
   - **Legal information**: Display open source licenses and Google info.
   - **System tutorial**: View a tutorial to help you learn how to use your phone. Follow the prompts to move through the tutorial topics.
   - **Hardware version**: Display the hardware version of your phone.
   - **Model number**: Display your phone's model number.
   - **Firmware version**: Display the firmware version of your phone.
   - **Baseband version**: Display the baseband version of your phone.
   - **Kernel version**: Display the kernel version of your phone.
   - **Build number**: Display your phone's build number.

Section 13: Health and Safety Information

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE).

In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- Head: 0.70 W/Kg.
- Body-worn: 0.47 W/Kg.

SAR information on this and other model phones can be viewed online at http://www.fcc.gov/oet/ea. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Please Note the Following Information When Using Your Handset

1. **WARNING REGARDING DISPLAY**

   The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

2. **WARRANTY DISCLAIMER: PROPER USE OF A TOUCH SCREEN HANDSET**

   If your handset has a touchscreen display, please note that a touchscreen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touchscreen may damage the tempered glass surface and void the warranty. For more information, please refer to the “Standard Limited Warranty” on page 172.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: http://mobile.samsungusa.com/recycling/index.jsp or 1-800-822-8837 for more information.

UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to

low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones.

Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals.

However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures.

However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years.

However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF). FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996.

An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations.

CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF).

Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000.

They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone.

Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims.

According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 1/1/2010):

- FCC RF Safety Program: http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA): http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/
- World Health Organization (WHO): http://www.who.int/peh-emf/

- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de
- Health Protection Agency: http://www.hpa.org.uk/radiation
- US Food and Drug Administration: http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.ctia.org.

Important!: If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: http://www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet: http://www.nidcd.nih.gov/

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W.

Suite 9200

Patriots Plaza Building

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

1-800-CDC-INFO (1-800-232-4636)

Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet: http://www.cdc.gov

1-888-232-6348 TTY

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

http://www.fcc.gov/oet/rfsafety/rf-faqs.html

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids.

The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

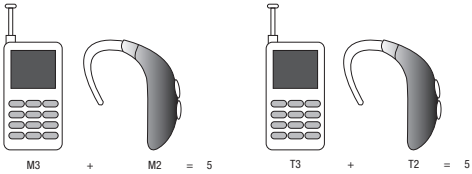
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together.

A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules.

The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

HAC/Wi-Fi Language

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider about its return and exchange policies and for information on hearing aid compatibility.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. From a Home screen, touch **Phone**. Enter the emergency number for your present location (for example, 911 or other official emergency number), then touch to place the call.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association:

NFPA (National Fire Protection Agency)

1 Batterymarch Park

Quincy, Massachusetts

USA 02169-7471

Internet: http://www.nfpa.org

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the

phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty. There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. For more information, refer to *"Turning Bluetooth On or Off"* on page 125.
- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.

- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.

- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 14: Warranty Information

Standard Limited Warranty

What is Covered and For How Long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, neglect, unusual physical, electrical or electromechanical stress, or defects in appearance, cosmetic, decorative or structural items, including framing, and any non-operative parts unless caused by SAMSUNG; (b) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (c) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (d) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (e) malfunctions resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (f) defects or damage from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (g) defects or damage from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake, or from exposure to weather conditions, or battery leakage, theft, blown fuse, or improper use of any electrical source; (h) defects or damage caused by cellular signal reception or transmission, or viruses or other software problems introduced into the Product; (j) any other acts which are not the fault of SAMSUNG; or (i) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or

show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the original date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

What Are The Limits On Samsung's Warranty/liability? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS

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THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS.

THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation,

whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Samsung Telecommunications America, LLC

1301 E. Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG

Phone: 1-888-987-HELP (4357)

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To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

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Customer Care Center:

1000 Klein Rd.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC:

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

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Phone: 1-888-987-HELP (4357)

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